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St. Louis Seed Co.

411-413 Washington Ave.

St. Louis, Mo.

1916

THE HOME OF "Pure and Sure Seeds"

A Complete Assortment

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SAINT LOUIS SEED COMPANY

The Home of "Pure and Sure Seeds"

411-413 Washington Avenue

SAINT LOUIS, MISSOURI

ST. LOUIS SEED CO.

411-13 WASHINGTON AVENUE

ST. LOUIS, MO.



Date _____ FORWARD BY (STATE WHETHER WANTED BY
MAIL, EXPRESS OR FREIGHT) _____

Name _____

Express or Freight Office _____

Post Office

County _____ State _____

Rural Route No. _____ Box _____

POST OFFICE MONEY ORDER \$ _____

DRAFT OR CHECK - - \$

CASH - - - \$

STAMPS - - - - \$

[illegible]

GENERAL DIRECTIONS TO CUSTOMERS

IT IS with pleasure that we hand you our 1916 Seed Annual. We appreciate the orders you have given us and assure you that all orders, whether large or small, shall have our most careful attention. For more than twelve years it has been our aim always to meet competition in Quality rather than price. Our many satisfied customers recognize the fact that those who plant, either for pleasure or profit, soon learn that the difference in cost of seed is really not worth considering when compared with the difference in value of resulting products.

The attention of our customers is respectfully called to the following directions, which will, if followed, be an aid to purchasers as well as to ourselves.

ORDER EARLY.—It will greatly facilitate shipments if orders are sent early. We aim to send off all orders the same or next day after receipt, but during the busy season this is nearly impossible—hence the advisability of ordering early.

TERMS OF BUSINESS

Remittances must be made by Post-Office Money Orders, Drafts on St. Louis banks, or Express Money Orders. Where it is not possible to obtain these, the letter should be registered. We cannot guarantee receipt of money sent in any other way.

Goods desired C. O. D. must be accompanied by a partial remittance to guarantee acceptance.

All goods are offered subject to being unsold on receipt of order, and we reserve the right to advance prices without notice.

No charge is made for boxes or packing, nor for delivery to Freight Depots or Express Offices in St. Louis, Mo.

In filling out your order always give **Shipping Directions**, and write **Name and Address Distinctly** on each and every order.

LOW EXPRESS RATES ON PLANTS, BULBS AND SEEDS

From St. Louis on Account of Our Central Location.

By our careful and thorough system of packing we **Guarantee Safe Delivery** of plants and perishable goods, when ordered to be sent by **Express**, and we always ship this way unless we have positive instructions to the contrary, and **when sent in any other way, are solely at purchaser's risk.**

RATES FOR BULBS AND SEEDS BY PARCEL POST.

(b) Parcels weighing 8 ounces or less containing seeds, bulbs, roots, and plants, 1 cent for each 2 ounces or fraction thereof, regardless of distance.

(c) Parcels weighing more than 8 ounces containing seeds, bulbs and plants, etc., according to distance or zone, at the pound rates shown in the following table, a fraction of a pound being considered a full pound.

Your postmaster will tell you the parcel post zone in which your postoffice is located, measuring from St. Louis.

Zone 1 and 2 1 to 150 miles	Pounds	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	Cents	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Zone 3 150 to 300 miles	Pounds	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	Cents	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44
Zone 4 300 to 600 miles	Pounds	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	Cents	7	11	15	19	23	27	31	35	39	43	47	51	55	59	63	67	71	75	79	83
Zone 5 600 to 1000 miles	Pounds	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	Cents	8	14	20	26	32	38	44	50	56	62	68	74	80	86	92	98	104	110	116	122
Zone 6 1000 to 1400 miles	Pounds	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	Cents	9	17	25	33	41	49	57	65	73	81	89	97	105	113	121	129	137	145	153	161
Zone 7 1400 to 1800 miles	Pounds	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	Cents	11	21	31	41	51	61	71	81	91	101	111	121	131	141	151	161	171	181	191	201

PARCEL POST RATE BEANS, PEAS AND SWEET CORN

Zone 1 and 2 1 to 150 miles	Amount	1 pt.	1 qt.	2 qt.	3 qt.	4 qt.	5 qt.	6 qt.	7 qt.	8 qt.	9 qt.	10 qt.
	Cents	5	6	8	10	12	14	16	18	20	22	24
Zone 3 150 to 300 miles	Cents	6	8	12	16	20	24	28	32	36	40	44
	Cents	7	11	19	27	35	43	51	59	67	75	83
Zone 4 300 to 600 miles	Cents	8	14	26	38	50	62	74	86	98	110	122
	Cents	9	17	33	49	65	81	97	113	129	145	161
Zone 5 600 to 1000 miles	Cents	11	21	41	61	81	101	121	141	161	181	201
	Cents	11	21	41	61	81	101	121	141	161	181	201

NON-WARRANTY

We wish it to be distinctly understood that although we take all possible pains to supply only New, Genuine and Unadulterated Seeds, Plants and Bulbs, we still give no warranty, express or implied, as to description, quality, productiveness, or any other matter of any of the Seeds, Plants or Bulbs we send out, and will not be in any way responsible for the crop. Every order received for articles named in this Catalogue will be executed on these conditions only.

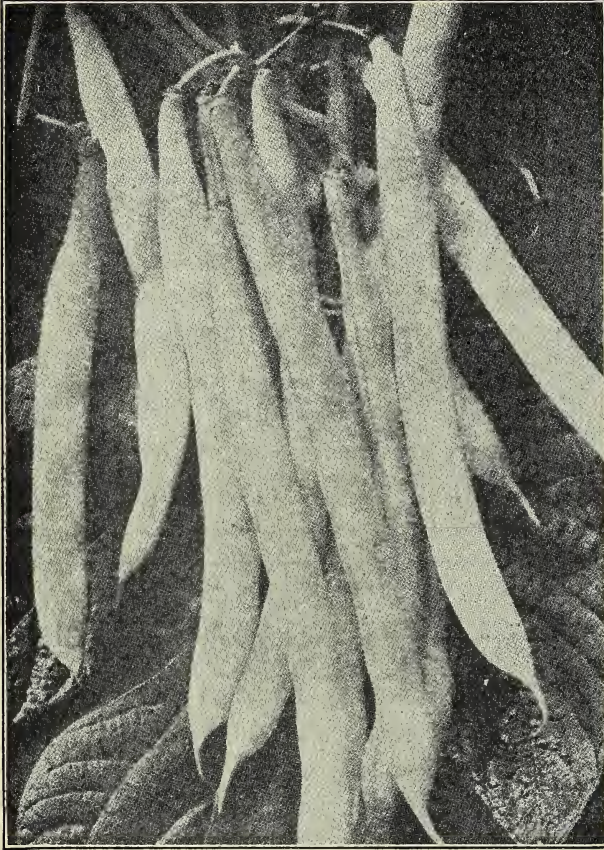
ST. LOUIS SEED COMPANY

The Home of "Pure and Sure Seeds"

411-413 Washington Ave.

ST. LOUIS, MISSOURI

VEGETABLE NOVELTIES 1916



Stringless Bountiful

ST. L. S. CO. NEW WHITE WAX BUSH BEAN

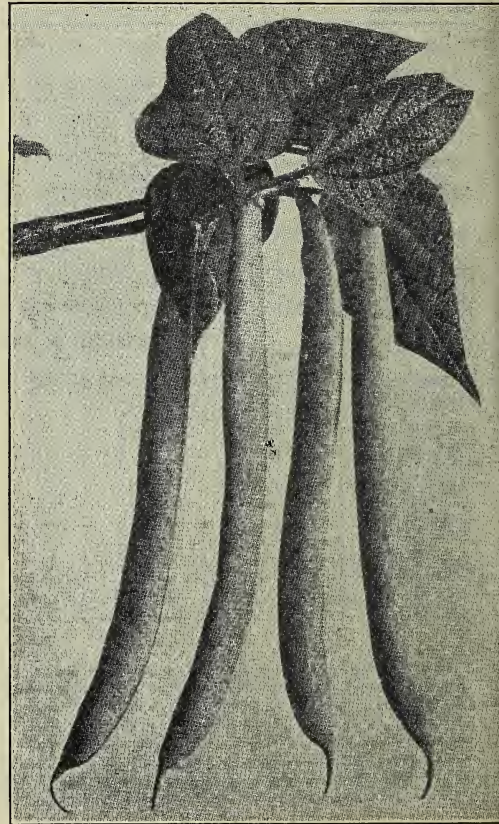
THIS new round-podded Dwarf Wax Bean has attained the top notch among Beans of this class. It has been so highly bred and selected that it excels all others in its combination of essential qualities, among which are remarkable uniformity in size and shape. It produces no culls, the pods average five to six inches in length, which is unusually large for a round-podded, wax variety; they are very solid, meaty and tender, free from string, breaking brittle, and the flavor is unsurpassed. These desirable table qualities are retained well on towards maturity, long after many other sorts have become too tough and stringy to use. The plant is everything desirable, bushy and robust, free from rust or mildew, and extremely prolific. **Price:** Pkt., 10c; Half Pt., 15c; Pt., 30c; Qt., 50c; Gal., \$2.00.

ST. L. S. CO. STRING- LESS BOUNTIFUL BEAN

THIS superior variety is a distinct improvement in green Bush Beans and has become exceedingly popular wherever known.

The crowning merit of this grand Bush Bean is in the rich green, flat pods, which are of immense size, thick, broad, extra long, very uniform in shape, solid, meaty and of high quality, meltingly tender and having a delicious flavor exclusively their own; moreover, the pods are absolutely stringless and entirely free from tough, membranous lining, not only when young, but this tender "snap brittle" quality is retained even into maturity.

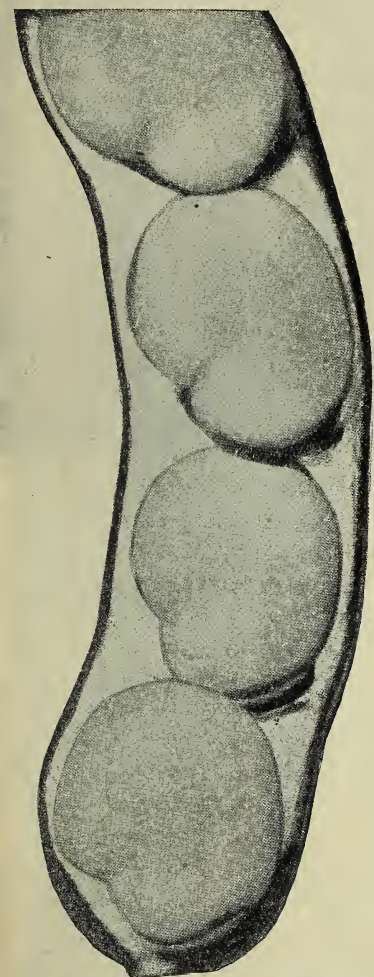
Price: Pkt., 10c; Half Pint, 15c; Pt., 25c; Qt., 40c; Gal., \$1.25; Pk., \$2.50.



VEGETABLE NOVELTIES 1916

ST. L. S. CO. GENUINE BUTTER POLE BEAN

WE OFFERED these old-time favorites for the first time a few seasons ago, and the demand has since grown phenomenal. Remember, it is the original old-time Butter Bean so much sought after by our parents and grandparents years ago. Vines grow very vigorously and are laden with mammoth wide pods, containing from 3 to 5 beans each. **Price:** Pkt., 10c; ½ Pt., 15c; Pt., 30c; Qt., 50c; Gal., \$2.00.

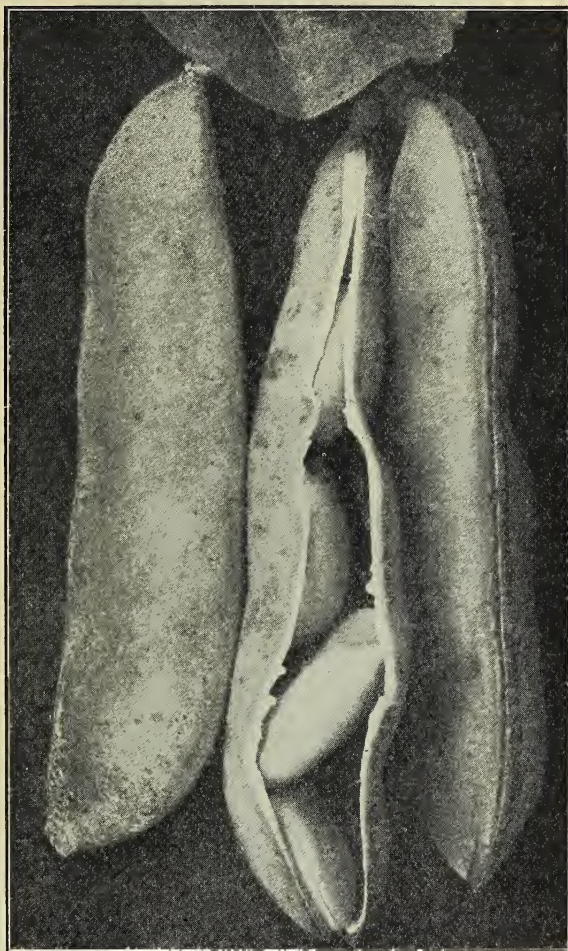


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St. L. S. Co.'s Genuine Butter Bean.



Fordhook Bush Lima Bean.

FORDHOOK BUSH LIMA BEAN

(Beans by Parcel Post, See Page 1.)

BOTH pods and beans are twice the size of ordinary Bush Lima. Its growth is of stiff erect habit, branching freely but with all the branches held upright. Like Burpee's Bush Lima, the stalks that produce the blossoms are thrown out from the lateral and main stalks; the pods are borne in "clusters" of from four to eight. The pods resemble those of the improved Bush Lima, but average more than double the size.

It is the heaviest yield of all the large size Bush Limas and is sure to take the place of Burpee Bush Lima as well as Henderson's Bush Lima. **Price:** Pkt., 10c; ½ Pt., 15c; Pt., 25c; Qt., 40c; Gal., \$1.50; Pk., \$2.75.

VEGETABLE NOVELTIES 1916

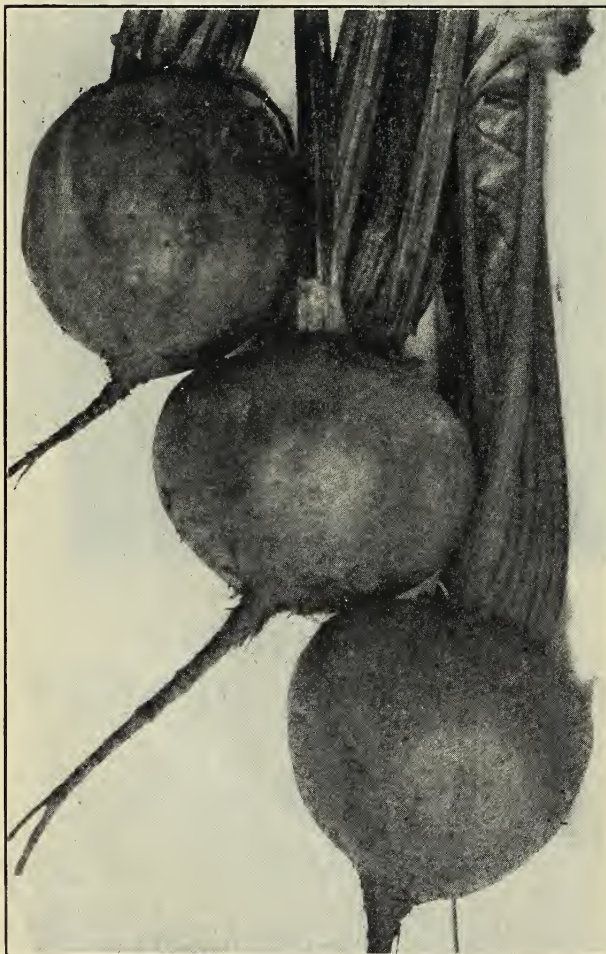
ST. L. S. CO. NEW WHITE CORNFIELD POLE BEAN

(By Parcel Post, See Page 1.)

IN THIS new Pole Bean we have one that far surpasses anything on the market. We have not had surplus stock to offer to all before but have only a limited supply this season. This Bean is a cross between our regular White Cornfield and Kentucky Wonder; it is a fine long, round, thick and meaty green pod, with a white bean. It is a much heavier bean and far better shape than others, and will continue to bear far longer. We are the only ones who can offer you this new bean, and we are sure you will be highly pleased with the results. **Price:** Pkt., 10c; $\frac{1}{2}$ Pt., 15c; Pt., 25c; Qt., 40c; Gal., \$1.25; Pk., \$2.25.

JAPANESE NOVELTY BEAN

New Japanese Yard Long Bean (yard long Pods) a very tall climber, fine for Trellis or old tree stumps, fine tender pods, sold in Pkt. only. **Price:** Pkt., 10c; 3 for 25c.



St. L. S. Co.'s Early Perfection Beet.



St. L. S. Co.'s White Cornfield.

ST. L. S. CO. EARLY PERFECTION BEET

A VERY early Beet. Turnip shape, flat bottom, medium size, rather small top, fine tap root. A main crop variety of great merit, for the market garden. It is without an exception, one of the finest, as well as one of the earliest beets ever grown, it is 8 days ahead of any other early sort now offered. The shape is uniformly perfect, being entirely free from fibrous side roots, which are so objectionable; in fact, it is the smoothest Beet within our knowledge.

Both skin and flesh are of an unusually deep rich red; this intensity of color is retained when cooked,—making the beets most attractive both for canning and pickling. While extremely early, quickly reaching a diameter of two inches, yet, if left growing the larger roots retain their fine flavor and deep coloring. **Price:** Pkt., 10c; Oz., 15c; $\frac{1}{4}$ Lb., 40c; Lb., \$1.25. Postpaid.

COPENHAGEN MARKET CABBAGE

THIS superb new Cabbage is undoubtedly without a rival as the **finest large round-headed early Cabbage** in cultivation. The type is thoroughly fixed, the heads maturing all at the same time—(this being a great consideration to Market Gardeners, entailing less labor in harvesting the crop and allows the ground to be cleared at the first cutting). The heads average about eight pounds each in weight, are very solid, with small core and of fine quality. It matures as early as **Charleston Wakefield**, and will give a much heavier yield per acre than that popular variety. The plant is short-stemmed, the heads being produced almost on the ground level. The leaves are light green, rather small saucer-shaped, and always tightly folded. Price: Pkt., 10c; ½ Oz., 20c; Oz., 35c; ¼ Lb., \$1.00; Lb., \$4.00. Postpaid.



Copenhagen Market.

“AMERICAN KING” CABBAGE

SUCCEEDS WHERE ALL OTHER VARIETIES FAIL. THE BEST KEEPER. THE LARGEST HEADED. THE FINEST QUALITY.

INTRODUCED by us in 1904, it has met with universal praise everywhere. Mammoth solid heads, weighing from 15 to 20 pounds are common sights in a field of this wonderful late Cabbage. We could not offer you anything better if we had the world's entire output of cabbage to select from. Its chief points of merit are in absolute reliability as a sure cropper, its uniformly large size of head, its great drought and worm-proof qualities. A very prominent and distinct feature of the **American King** has a small number of ribs and their remarkable smallness in size. This stamps it of the highest quality. Price: Pkt., 10c; ½ Oz., 20c; Oz., 35c; ¼ Lb., \$1.00; Lb., \$4.00. Postpaid.



VEGETABLE NOVELTIES 1916

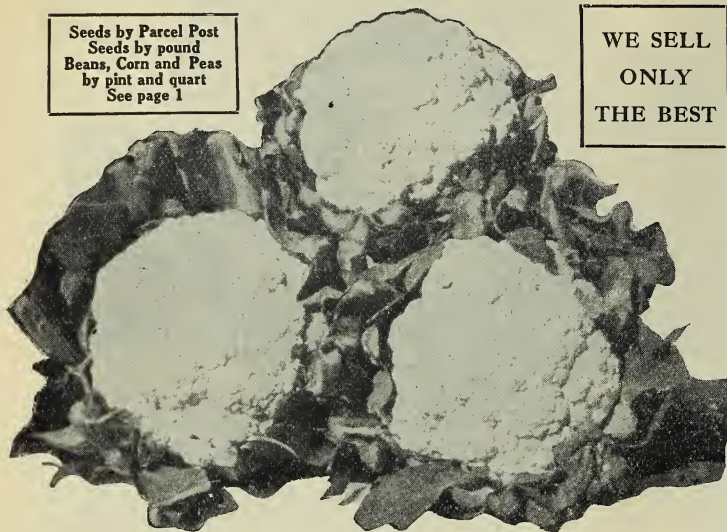
ST. L. S. CO. EARLY SNOWBALL CAULIFLOWER

Seeds by Parcel Post
Seeds by pound
Beans, Corn and Peas
by pint and quart
See page 1

WE SELL
ONLY
THE BEST

THE EARLIEST FORCING VARIETY IN EXISTENCE

THIS is a new improved strain of Cauliflower that we introduce. It is the finest, the handsomest and the earliest Cauliflower in existence, as well as the largest species ever discovered. It is gorgeous beyond description. Its color is snow white, and its growth is of the most compact form. For an early outdoor forcing variety it cannot be surpassed. If you have been planting the Dwarf Erfurt varieties you should give this new introduction a trial this season. It has been thoroughly tested in this locality and is a sure cropper. Price: Pkt., 10c; ¼ Oz., 75c; ½ Oz., \$1.50; Oz., \$3.00. Postpaid.



St. L. S. Co.'s Early Snowball.

FRANKFORT CARROT

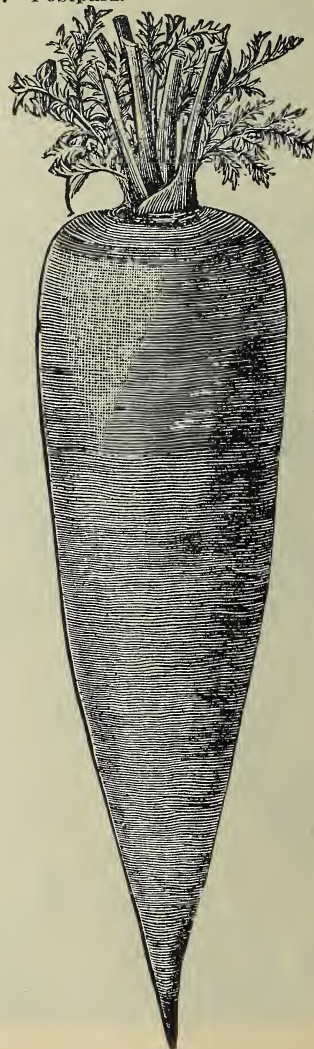
THE FINEST LONG STUMP ROOTED CARROT EVER OFFERED. IT IS THE BEST COLORED AND SMOOTHEST SHAPED CARROT IN EXISTENCE

A RICH orange-red variety, very smooth and handsome, producing very large crops. An excellent market variety. Grown largely on account of its great productiveness and adaptability to all classes of soil. Tops of medium size. Roots of medium length, six to eight inches long, tapering uniformly to a blunt point. Flesh deep orange, crisp and tender. Although the roots of this variety are comparatively short they produce as large a bulk as the longer field sorts and are more easily harvested. Price: Pkt., 10c; Oz., 15c; ¼ Lb., 40c; Lb., \$1.25. Postpaid.



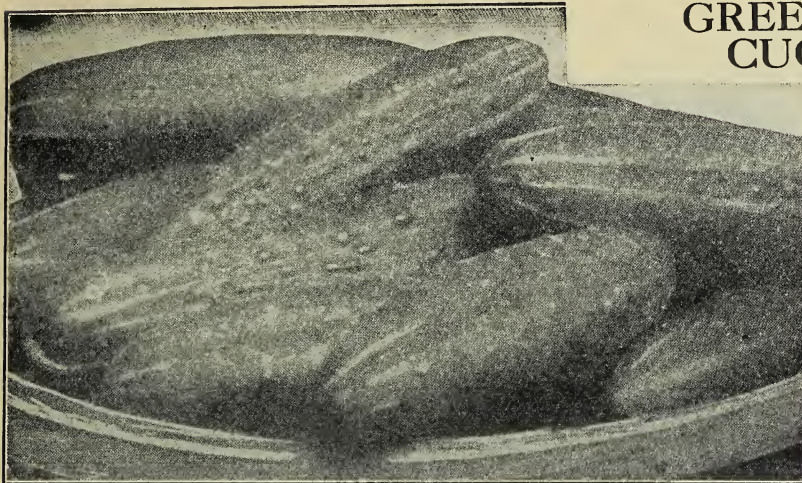
ST. L. S. CO. DWARF PERFECTION CELERY

THIS is without doubt the most valuable variety of Celery grown. It is also much stouter, thicker and heavier, with double the amount of heart of any known Celery. The plant is beautiful in appearance, of close habit and compact growth. Ribs perfectly solid, crisp and of a delicious nutty flavor. It blanches very quickly when boarded up, is stocky in growth, medium in height and very brittle. It is more vigorous than the Golden Self-Blanching and its keeping qualities, flavor and quality are unsurpassed by any Celery. Price: Pkt., 10c; ½ Oz., 25; Oz., 50c; ¼ Lb., \$2.00, Postpaid,



VEGETABLE NOVELTIES 1916

ST. L. S. CO. IMPROVED GREEN HYBRID CUCUMBER



WE Now offer the perfect Cucumber in our "Improved Green Hybrid," an extra early specie of a most remarkable quality and appearance. Its unique shape and handsome color predict for it a vegetable of immense popularity, its color being of a dark green, slightly ridged. It is enormously prolific and a continuous producer. For slicing it is superb, its symmetrical fruits are uniformly large. The flesh is very solid, fine grained. The vines are vigorous and mildew-proof; in fact for general use we unhesitatingly recommend it superior to any other variety. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 30c; Lb., \$1.00. Postpaid.

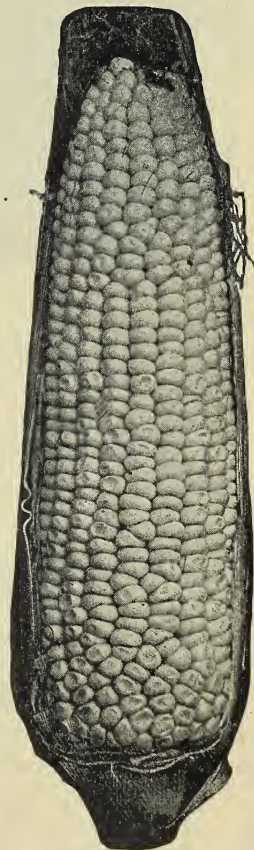
GOLDEN BANTAM SWEET CORN

(By Parcel Post, See Page 1.)

GOLDEN Bantam is a dwarf-growing early variety. The plant attains a height of only 3 or 4 feet, usually bearing two or more ears about 5 inches long to a stalk. These little fat ears are compactly filled with kernels, which, when ready for the table are cream-yellow, so lusciously sweet, tender and milky that some people claim it "the sweetest corn on earth." Golden Bantam is one of the hardiest corns grown, therefore can be planted earlier with safety than any other varieties. Price: Pkt., 5c; ½ Pt., 10c; Pt., 15c; Qt., 30c; Gal., \$1.00; Pk., \$2.00

CELERY or CHINESE CABBAGE

IMPROVED Chinese Cabbage. The market appearance of this cabbage in quantity the past two years has created a widespread demand for the seed. It is very easily grown and does well in nearly all parts of the country. It should be grown like a late cabbage, planting in July, as early plantings run quickly to seed. The seed is sown in drills 16 to 20 inches apart and the seedlings thinned two or three times. The full grown plant somewhat resembles a Cos Lettuce in appearance. It has a mild flavor and may be eaten raw or as a salad, or cooked. Boiled minced and seasoned with butter, it is especially delectable. Pkt., 10c; ½ Oz., 25c; Oz., 45c; ¼ Lb., \$1.25. Postpaid.

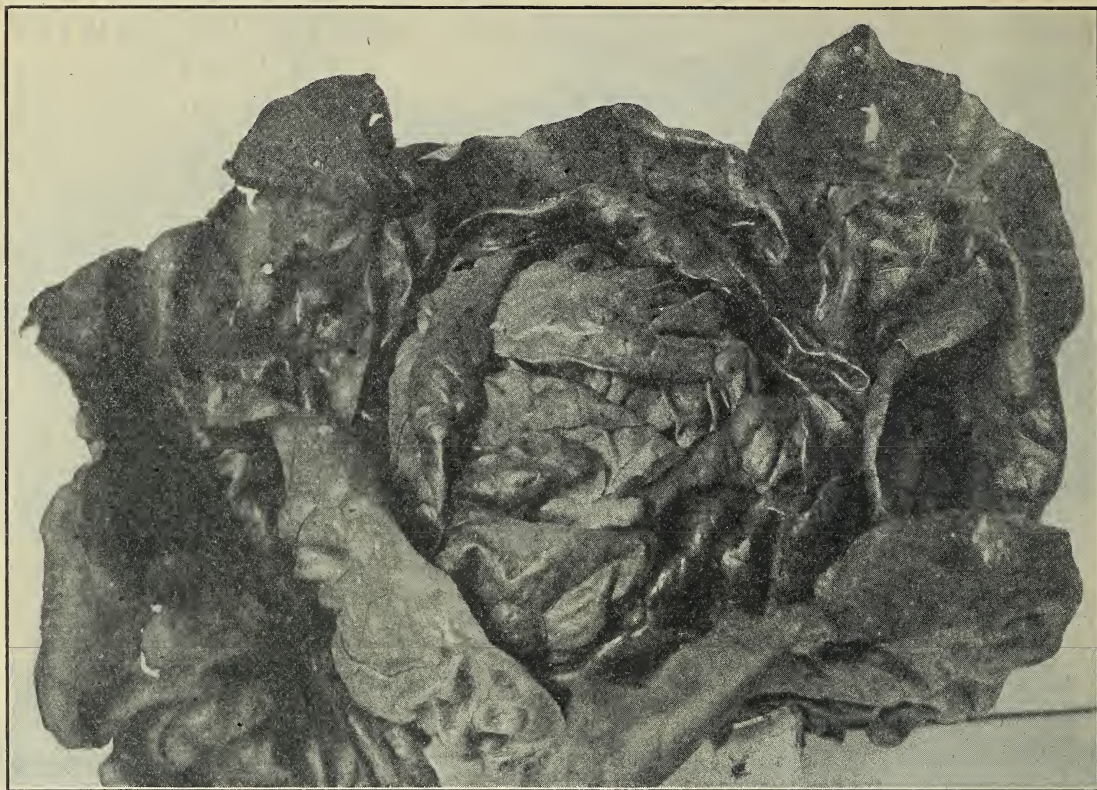


Golden Bantam.



Chinese Cabbage.

VEGETABLE NOVELTIES 1916



ST. L. S. CO. BIG MARKET GARDENER LETTUCE

**A GRAND LARGE CABBAGE LETTUCE—FOR EITHER EARLY SPRING OR FALL
USE—BIG, COMPACT, TENDER AND CRISP, CREAMY-WHITE HEADS**

THIS grand variety has proven to be most valuable, steadily gaining in popularity until it is now more extensively grown than any other kind of lettuce, either for market or private table. Whether grown in the open ground for early spring or fall use, or in frames for spring, it invariably gives both grower and user the utmost satisfaction, producing under ordinarily favorable conditions, splendid large buttery-yellow heads, packed with thoroughly blanched leaves, crisp, tender, sweet and white. This grand variety makes a handsome plant, with large outside leaves, and stands long before bolting to seed. Large areas of it may be seen in the vicinity of St. Louis as late as November 15th; a slight covering of salt hay amply protects the plants from hard frosts, and when cut for market the leaves are fresh and bright. Thousands of acres of it are grown during the winter in Florida and other Southern States for shipping to northern markets. In fact, we know of no other variety that gives such general satisfaction. **Price: Pkt., 10c; ½ Oz., 15c; Oz., 20c; ¼ Lb., 50c; Lb., \$1.50. Postpaid.**

SEEDS BY PARCEL POST

We deliver Free in U. S. all Vegetable or Flower Seeds by the packet,
ounce or quarter pound

VEGETABLE NOVELTIES 1916

ST. L. S. CO. KING OF THE GARDEN LETTUCE

THE heads are extra large and quite firm, leaves thin and of the finest quality. The interior is beautifully blanched, creamy-white, crisp, tender and delicious, being absolutely free from any trace of bitterness. It is a very large, robust-growing variety, very slow to run to seed and a sure header under most trying conditions. Best for Early Spring or Fall use, as it will not stand extreme hot weather. Does its best when transplanted from the frames to outside in the spring. Does remarkably well for a late crop in the frames. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 10c; Oz., 15c; $\frac{1}{4}$ Lb., 50c; Lb., \$1.50. Post-paid.



SEEDS BY PARCEL POST

Seeds by pound, Beans, Corn and Peas by pint and quart, see page 1.



ST. L. S. CO. EDEN GEM MUSK MELON

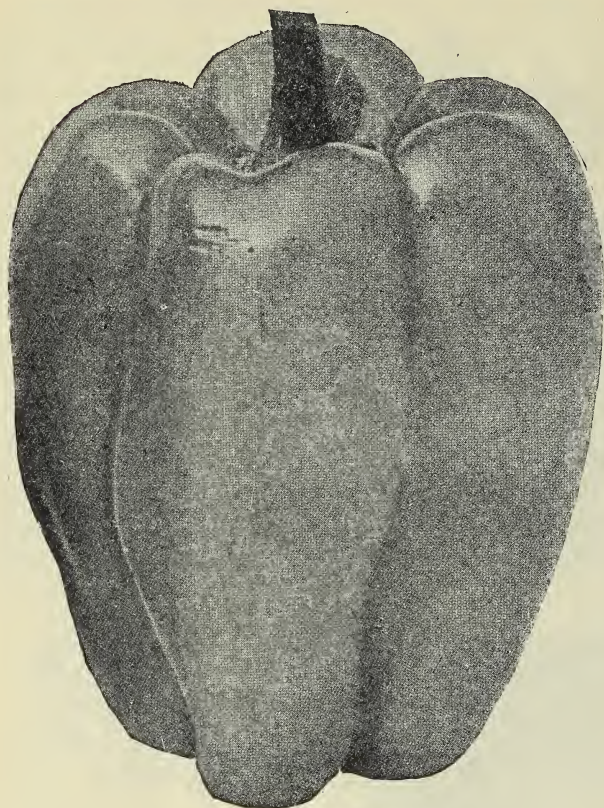
THIS famous variety is the finest early green-fleshed of all the Rocky Ford type Melon in cultivation. The fruits are remarkably uniform in size, weighing from one and a quarter to one and a half pounds each. They are quite thick meated, with very thin rinds; skin light green, regularly ribbed and heavily netted, turning to a golden yellow as the Melon ripens. Flesh light green in color, firm but melting, of uniformly fine flavor. It is prolific and usually the first setting of the fruit is very heavy, mostly ripening at the same time. It is of fine shape and size and inclined to run to solid netting. It is just the right size to serve in halves and this fact together with its delicious flavor makes it ideal for that purpose. The profits to be derived from growing these melons are very large when proper soil, and cultivation are used. Price: Pkt., 5c; Oz., 10c; $\frac{1}{4}$ Lb., 35c; Lb., \$1.25. Post-paid.

VEGETABLE NOVELTIES 1916

CRIMSON KING PEPPER

A VERY HEAVY CROPPER, THE
BEST MANGO ON THE
MARKET TODAY

HABIT of growth robust and stocky with no tendency to grow an immense plant with little or no fruit. The fruit is not quite as large as Chinese Giant; in shape not quite so blocky. (See illustration.) In weight is much heavier than any other variety of the same size. In flavor it is the mildest we have ever known, as the flesh may be eaten raw from the hand. Growers will have no difficulty in selling all they can grow, customers preferring it to all others for making mangoes. Our seed is saved from most perfect type. Price: Pkt., 10c; ½ Oz., 25c; Oz., 50c; ¼ Lb., \$1.75, Postpaid.



Crimson King Pepper

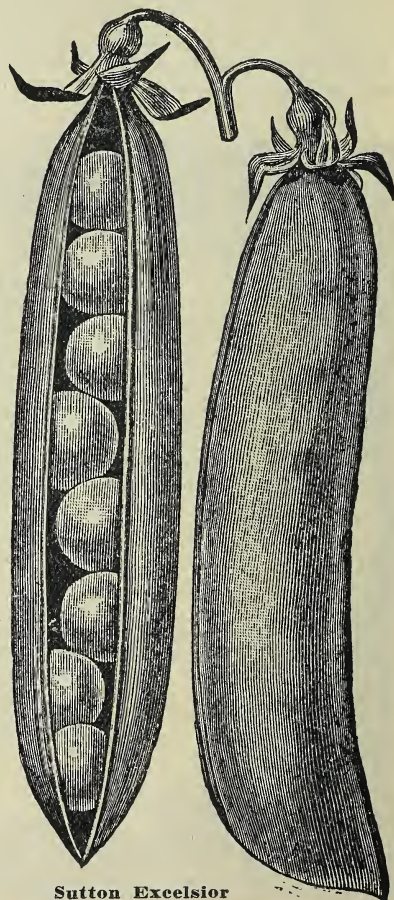
SUTTON'S EXCELSIOR

FINE NEW EARLY WRINKLED SORT

(Peas By Parcel Post, See Page 1.)

A DWARF MAIN CROP WRINKLED PEA.

THIS Variety we esteem highly. It is a main-crop variety, of vigorous constitution which shows itself in the strong, handsome branching plant. It is 18-in. high, requiring no brushing, and produces an abundance of the finest Peas possible, the vines being actually laden with pods. These are dark green, stout and heavy, containing from 7 to 9 Peas of the finest quality, which so thoroughly fill the pod as to make it almost cylindrical in shape. The Peas possess the admirable merit of preserving their tenderness and superb flavor long after they are young, and also retain their attractive dark green color when served. Prices: Pkt., 5c; ½ Pt., 10c; Pt., 20c; Qt., 35c; Gal., \$1.00; Pk., \$2.00; Bu., \$7.00.

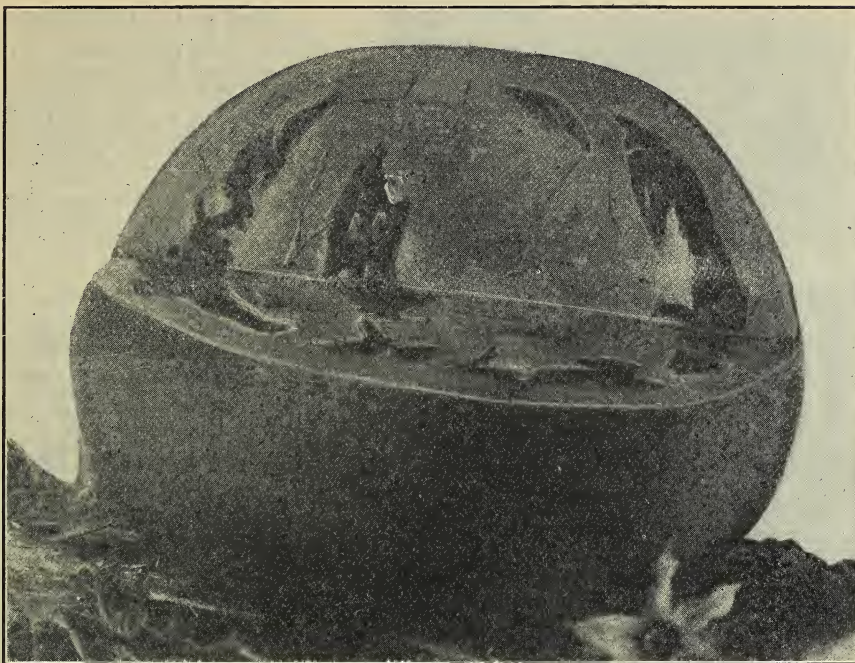


Sutton Excelsior

SEEDS BY PARCEL POST

We deliver Free in U. S., all Vegetable or Flower
:: Seeds by the packet, ounce or quarter pound ::

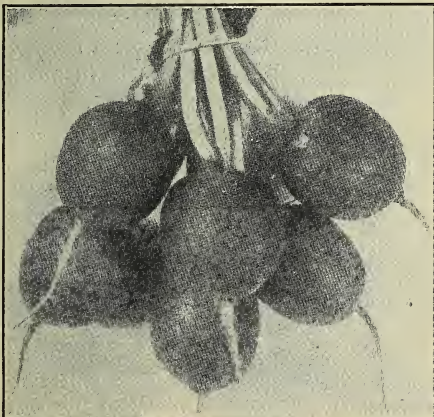
VEGETABLE NOVELTIES 1916



TOMATOES

ST. L. S. CO. IMPROVED WHITE'S EXCELSIOR

OUR new strain of this famous Tomato is superb. It is of a dark, glossy purplish red, very large and also very solid. The plants make a strong growth, are hardy and bear plentifully. The fruit is produced in clusters of four to six, is large, of perfect shape, and retains its size until late in the season. It ripens early, has firm flesh of excellent quality, and the seed cells are very small. We have a carefully selected stock of this favorite variety. For a main crop this sort cannot be surpassed. It is one of the very best for canning. For shipping and early market it is excellent. We know of no variety that will give better satisfaction for all general purposes. Price: Pkt., 10c; $\frac{1}{2}$ Oz., 15c; Oz., 25c; $\frac{1}{4}$ Lb., 75c; Lb., \$3.00. Postpaid.



FIRE BALL RADISH

(By Parcel Post, See Pae 1.)

IT IS a "Fire Ball" both in growth and appearance. Radishes 21 days from the time of planting is its record. Their beauty and crispness will demand fully 50 per cent higher price than any Radish you have ever sold. Think what this means. "Fire Ball" is one of the most handsome Radishes ever discovered. We consider ourselves extremely fortunate at being able to offer you such a magnificent forcing Radish, and it is now offered to the world as the "Best." If you are anxious to have Radishes 8 to 10 days ahead of your neighbor, here is your opportunity. Its rich, crisp, brittle flavor, with its remarkably good growth and fine pinkish red color will make it a universal favorite. Price: Pkt., 5c; Oz., 10c; $\frac{1}{4}$ Lb., 25c; Lb., 75c.

"It Pays to Plant the Best"

GENERAL LIST OF HIGHEST GRADE VEGETABLE SEEDS



Columbian Mammoth White.

CHIVES

CHIVES—Chives are small hardy perennial plants, resembling the onion leaves. Price: Pkt., 5c. Plants see page 33.

CHICORY (Cichorien)

One ounce will sow about 15 square feet.

WITLOOF CHICORY—In order to grow good "Witloof" the seed should be sown during April in the open ground, in drills 10 or 12 inches apart, in deep, rich soil. Allow the plants to grow until November, then take up the roots and trim off the leaves to about 1½ inches from the neck. Then plant in a trench 8 to 12 inches deep, placing the roots upright, about 1½ inches apart. This will leave the necks of the roots about 8 inches below the level of the ground. Fill up the trench with good, light, well-drained soil, and, if speedy growth of any portion of the crop is desired, it may be accomplished by covering with a layer of manure at least 10 inches deep. In about 4 or 5 weeks the leaves will attain their proper size, and the manure may be taken off and roots dug up. The blanched head is the edible portion. Witloof is eaten raw or as a salad and is also sometimes cooked like ordinary Endive. Price: Pkt., 5c; ½ Oz., 10c; Oz., 20c; ¼ Lb., 60c; Lb., \$2.00. Postpaid.

LARGE ROOTED—The finest flavored and hardiest growing variety. Price: Pkt., 5c; Oz., 10c; ½ Lb., 35c; Lb., \$1.00. Postpaid.

COLLARDS

One ounce will produce about 2500 plants.

FAVORITE In the South, where Collards are used extensively for "greens." Collards grow in the form of a loose-headed cabbage. **GEORGIA or SOUTHERN**—The standard sort for productiveness. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 35c; Lb., \$1.00. Postpaid.

DANDELION

One ounce will sow 200 feet of drill.

IMPROVED LARGE LEAVED—For greens, which are cooked like mustard and spinach. Price: Pkt., 5c; ¼ Oz., 15c; Oz., 25c; ¼ Lb., 75c. Postpaid.

ASPARAGUS (Spargel)

One ounce to 60 feet of drill.
(By Parcel Post, See Page 1.)

EARLY GIANT FRENCH ARGENTEUIL—A variety imported from France which is claimed to resist rust better than some American sorts. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 75c.

COLUMBIAN MAMMOTH WHITE—This variety is the most popular of the asparagus family. Very early and robust. Stalks are very thick, tender and succulent. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 50c.

PALMETTO—A close second to our famous Columbian White Mammoth. An enormous yielder, very tender and appetizing, producing large, clear stalks of excellent quality. Very early. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 50c.

ASPARAGUS ROOTS—See page 33.

ARTICHOKE (Artischoke)

GREEN GLOBE (Seed)—The choicest of all varieties; very hardy, also early, tender and delicious. Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; ¼ Lb., 75c. Postpaid.

JERUSALEM ARTICHOKE (Tubers)—We cannot fill orders for artichoke before April 1st. All artichokes will be shipped by express unless ordered shipped by freight. Price: Pk., 40c; Bu., (50 Lbs.), \$1.25; 5 Bu., at \$1.10.

BRUSSELS SPROUTS (Sprossen Kohl)

One ounce will produce about 5000 plants.

THE very best winter vegetable. Frost seems to improve the delicious flavor instead of injuring. The plants may remain in the open ground until desired for cooking.

ROSEBERRY—The choicest variety. Price: Pkt., 5c; ½ Oz., 10c; 1 Oz., 15c; ¼ Lb., 40c; Lb., \$1.50. Postpaid.

CARDOON

LARGE SPANISH—Large, fleshy-leaved plants, chiefly used as a winter vegetable. The blanched stalks and broad ribs of the inner leaves when properly cooked are tender and of an agreeable flavor. Price: Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 50c; Lb., \$1.50.

CRESS (Kresse)

Used for Salads and for Garnishings.

CRESS, One of the most useful plants for "greens" or salads. Should be sown in a hotbed or sheltered spot; sow quite thick in shallow drills, and in a short time it will be fit for cutting.

TRUE WATER—Thrives best in shallow water on the edge of streams. Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; ¼ Lb., 75c. Postpaid.

CURLED—Peppergrass—This little salad will bear cutting several times; used mixed with lettuce its leaves impart an agreeable, warm and pungent taste. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 20c; Lb., 60c.



Witloof Chicory.



Brussels Sprouts



Green Globe Artichoke.

DWARF OR BUSH BEANS

GREEN PODDED VARIETIES

(By Parcel Post, See Page 1.)

CULTURE.—Plant early in the Spring as soon as ground is dry and warm and continue planting every 10 days or 2 weeks for a continuous crop. Beans do best in good, rich soil; ground should be in good condition. Plant in rows 2 to 3 feet apart, leaving plants 3 to 4 inches apart in the rows. Cover Beans about 2 inches deep. One quart will plant 100 feet of row; 1 to 1½ bushels per acre.

EXTRA EARLY REFUGEE. Very early, prolific; fine quality; a great favorite for canning. Price: Pkt., 5c; ½ Pt., 10c; Pt., 20c; Qt., 35c; Gal., \$1.15; Pk., \$2.00.

ST. L. S. CO.'S STRINGLESS BOUNTIFUL.—See Novelty, Page 2.

ST. L. S. CO.'S EXTRA EARLY ROUND POD VALENTINE.—For earliness, productiveness and appetizing quality, it surpasses any other known Podded Bush variety. It is a strain that we highly recommend. Price: Pkt., 5c; ½ Pt., 10c; Pt., 15c; Qt., 35c; Gal., \$1.15; Pk., \$2.00; Bu., \$7.50.

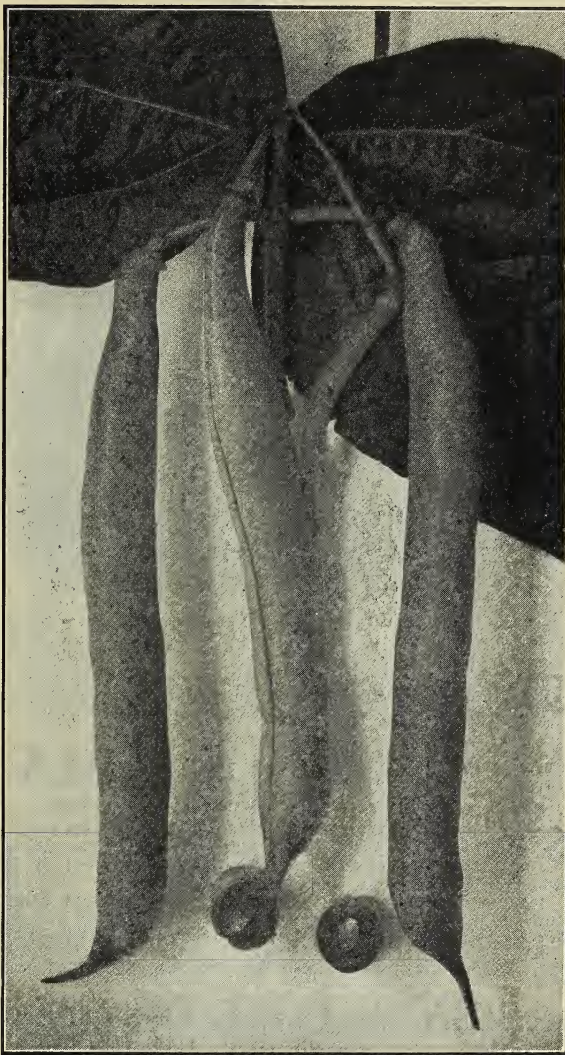
LONGFELLOW BEAN.—Its handsome, straight, fleshy, solid pods averaging from 6 to 7 inches in length, together with its captivating, delicious flavor. Owing to its extra earliness, it is ready for the market fully a week before its nearest rival. Price: Pkt., 5c; ½ Pt., 10c; Pt., 20c; Qt., 35c; Gal., \$1.25; Pk., \$2.25.

BLACK VALENTINE — Early, extra large, round, straight tender pods; enormous yielder, and also suitable for late planting. Price: Pkt., 5c; ½ Pt., 10c; Pt., 20c; Qt., 35c; Gal., \$1.25; Pk., \$2.25; Bu., \$7.50.

STRINGLESS GREEN POD.—Handsomest and most prolific of all the stringless varieties. Pods are very large, round and meaty, and for market gardeners this variety is a money maker. Very early, a sure cropper, and an ideal bean for market or home use. Price: Pkt., 5c; ½ Pt., 15c; Pt., 25c; Qt., 40c; Gal., \$1.25; Pk., \$2.50.

ST. L. S. CO.'S GIANT STRINGLESS GREEN POD.—An early large stringless variety, a good yielder, but not quite as good a quality as variety above. Price: Pkt., 5c; ½ Pt., 10c; Pt., 20c; Qt., 35c; Gal., \$1.25; Pk., \$2.25;

WHITE NAVY.—The famous little white soup bean that needs no further introduction. Very prolific and a sure cropper. Price: Pkt., 5c; ½ Pt., 10c; Pt., 15c; Qt., 25c; Gal., 75c; Pk., \$1.50.



St. L. S. Co.'s Extra Early Round Pod Valentine.

WAX-PODDED BUSH BEANS

ST. L. S. CO.'S NEW WHITE WAX.—See Novelty, Page 2.

WARDALL'S KIDNEY WAX.—Undoubtedly the standard of all the varieties. Used extensively for marketing purposes. Price: Pkt., 5c; ½ Pt., 15c; Pt., 25c; Qt., 50c; Gal., \$1.50; Pk., \$3.00.

ST. L. S. CO.'S PENCIL POD BLACK WAX.—Of all Black Wax Beans, this variety surpasses all others. For Market Gardeners as well as for home use it cannot be surpassed. Price: Pkt., 5c; ½ Pt., 15c; Pt., 25c; Qt., 50c; Gal., \$1.50; Pk., \$3.00.

IMPROVED GOLDEN WAX.—An ideal variety, similar to the above; very productive. Price: Pkt., 5c; ½ Pt., 15c; Pt., 25c; Qt., 50c; Gal., \$1.50; Pk., \$3.00.

DAVIS WHITE WAX.—This famous Snap Bean is of a very hardy and productive nature; of handsome appearance and entirely rust-proof. Price: Pkt., 5c; ½ Pt., 15c; Pt., 25c; Qt., 50c; Gal., \$1.50; Pk., \$3.00.

ST. L. S. CO.'S NEW STRINGLESS WAX.—This variety is exceedingly handsome and very desirable for market and the home garden. Price: Pkt., 5c; ½ Pt., 15c; Pt., 25c; Qt., 50c; Gal., \$1.50; Pk., \$3.00.

VALENTINE WAX.—Extra early and is usually ready for harvesting from thirty-five to forty days after planting. Vines strong and vigorous, pods medium length, clear waxy yellow, curved, with creases in the back; very fleshy. Price: Pkt., 5c; ½ Pt., 15c; Pt., 25c; Qt., 50c; Gal., \$1.50; Pk., \$3.00.



BUSH LIMA BEANS

(Beans by Parcel Post, See Page 1.)

One Quart will plant 150 hills.

FORDHOOK BUSH LIMA—See Nov. page 3.

ST. L. S. CO.'S IMPROVED BUSH LIMA—In this new variety we offer you the most productive Lima Bean in existence. Pods are larger than Henderson Bush, and also considerably earlier. This new strain we consider superior to all others, both in quality and productiveness. Bushes grow low, well laden with broad, handsome pods, containing 3, 4 and sometimes 5 beautiful beans. Meat is of a very appetizing flavor. Whether you grow for home use or market, it will pay you to devote a good share of your garden to this "King" of all Limas. We wish we had space to devote to the many flattering reports received regarding this wonderful variety. Price: Pkt., 5c; ½ Pt., 10c; Pt., 20c; Qt., 35c; Gal. \$1.25; Pk., \$2.25.

HENDERSON'S BUSH LIMA—A famous variety grows in compact bush form, and produces enormous yields of truly delicious Lima Beans, yielding a continuous crop from July until frost appears. Price: Pkt., 5c; ½ Pt., 10c; Pt., 20c; Qt., 35c; Gal., \$1.00; Pk., \$2.00; Bu., \$7.50.

BURPEE'S BUSH LIMA—A true bush form, growing 18 to 20 inches high; an immense yielding variety, each bush being laden down with very large beans of luscious flavor. Price: Pkt., 5c; ½ Pt., 10c; Pt., 20c; Qt., 35c; Gal., \$1.00; Pk., \$2.00; Bu., \$7.50.

ENGLISH BEAN

BROAD WINDSOR (English Bean)—The Englishman's favorite, grown and prized in their native land as much as the Lima is in America. Should be planted early in a rich, loamy soil. Is of a very delicious and appetizing flavor. Price: Pkt., 5c; ½ Pt., 10c; Pt., 20c; Qt., 35c; Gal., \$1.00.

POLE LIMA VARIETIES

ST. L. S. CO.'S GENUINE BUTTER—See page 3.

ST. L. S. CO.'S KING OF THE GARDEN LIMA—A great improvement on the large White Lima Beans; grow of an enormous size, an immense yielding sort. Price: Pkt., 5c; ½ Pt., 10c; Pt., 20c; Qt., 35c; Gal., \$1.00; Pk., \$2.00; Bu., \$7.50.

EXTRA EARLY JERSEY LIMA—The earliest Lima Bean in existence, being about two weeks earlier than other varieties. Price: Pkt., 5c; ½ Pt., 10c; Pt., 20c; Qt., 35c; Gal., \$1.00; Pk., \$2.00.

SMALL LIMA, OR SIEVA—Very productive. Beans small, good quality. Price: Pkt., 5c; ½ Pt., 10c; Pt., 20c; Qt., 35c; Gal., \$1.00.

BEANS, POLE OR RUNNING

One quart will plant 150 hills.

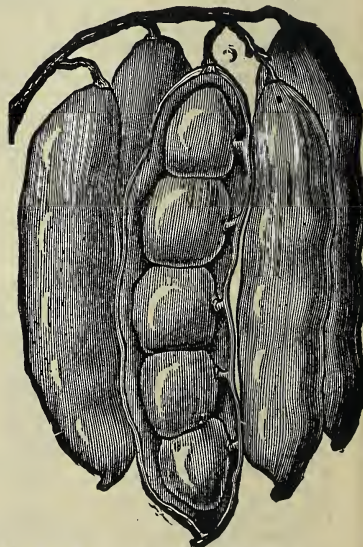
ST. L. S. CO.'S NEW WHITE CORNFIELD—See page 4.

MISSOURI WHITE CORNFIELD—A fine long, green, round pod of superior quality. Beans are white and mealy, a fine boiling or baking variety. Grown quite extensively for market gardening and home use. Price: Pkt., 5c; ½ Pt., 10c; Pt., 15c; Qt., 30c; Gal., 90c; Pk., \$1.75.

LAZY WIFE—The pods are of a medium dark green color and grow from 5 to 7 inches in length. They are broad, thick and very fleshy, and are entirely stringless. Price: Pkt., 5c; ½ Pt., 10c; Pt., 15c; Qt., 30c; Gal., \$1.00; Pk., \$2.00.

KENTUCKY WONDER, OR OLD HOMESTEAD—Undoubtedly the earliest and most productive, bearing in great quantities clusters of light green pods, long, meaty and of excellent flavor. Can be grown with corn to good advantage. Price: Pkt., 5c; ½ Pt., 10c; Pt., 15c; Qt., 30c; Gal., \$1.00; Pk., \$1.75; Bu., \$7.00.

WHITE CREASEBACK—A pure white variety, very early, and an excellent shelled sort used extensively for winter use. Price: Pkt., 5c; ½ Pt., 10c; Pt., 15c; Qt., 30c; Gal., 90c; Pk., \$1.75.



St. L. S. Co.'s New Improved
Bush Lima.

BEETS (Rothe Ruebe)

One ounce will sow 50 feet of drill. Five pounds will sow 1 acre of drill.

(By Parcel Post, See Page 1.)

ST. L. S. CO.'S EARLY PERFECTION—See Nov. Page 4.

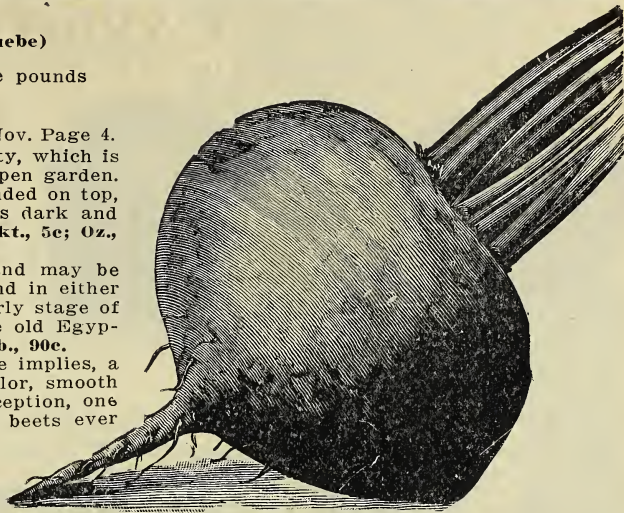
EXTRA EARLY EGYPTIAN—An early variety, which is suitable for forcing and growing in the open garden.

The tops are small and the Beets are rounded on top, but flat at bottom end. The color of flesh is dark and light red and the Beets are tender. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 75c.

CROSBY'S EGYPTIAN—Extremely early, and may be grown either out of doors or under glass, and in either case the young Beets are fit for use at an early stage of their growth. It is thicker through than the old Egyptian. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 90c.

IMPROVED CRIMSON GLOBE—As its name implies, a perfect globe-shaped Beet, dark blood red color, smooth skin, sweet and tender. It is without an exception, one of the finest, as well as one of the earliest beets ever grown, its shape and color being superb. One stock comes from the originator. Gardeners from all directions do not hesitate to pronounce this variety the "Best of all Beets." Price: Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 90c.

ELECTRIC—It is the finest Extra-Early Beet grown, coming in with the flat Egyptian, but Electric is much larger and of almost globular form. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 90c.



Crosby's Egyptian.

ECLIPSE—A famous standard variety; a first early market beet this ranks with the Crosby Egyptian. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 90c.

DETROIT DARK RED—One of the good early turnip-shape varieties, too well known to need any further comment. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 90c.

EDMAND'S BLOOD TURNIP—A second-early variety of good flavor. A handsome, clean, turnip-shaped blood beet. Skin and flesh are of a deep blood red, sweet and tender in quality, and unsurpassed for solidity and keeping purposes. The roots grow regular and are of right marketable size. Tops are small, allowing them to be grown close together. They mature early and give every satisfaction as a bunching sort. An excellent keeper. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 75c.

LONG SMOOTH BLOOD-RED—A most excellent keeper, grows to good size, half out of ground, almost free from side roots, very dark color. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 90c.

SWISS CHARD

GROWN FOR LEAVES ONLY

SWISS CHARD—After once having used Swiss Chard for greens we believe your garden will always have at least a row of Swiss Chard; it is delicious, which is served up like asparagus or Spinach, by using the outer leaves. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 90c.

SWISS CHARD LUCULLUS—A new, moss curled sort. Very large leaves and the middle ribs are very broad, forming a good substitute for Asparagus during the Summer months. The leaves are used in the same manner as Spinach. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., \$1.00.

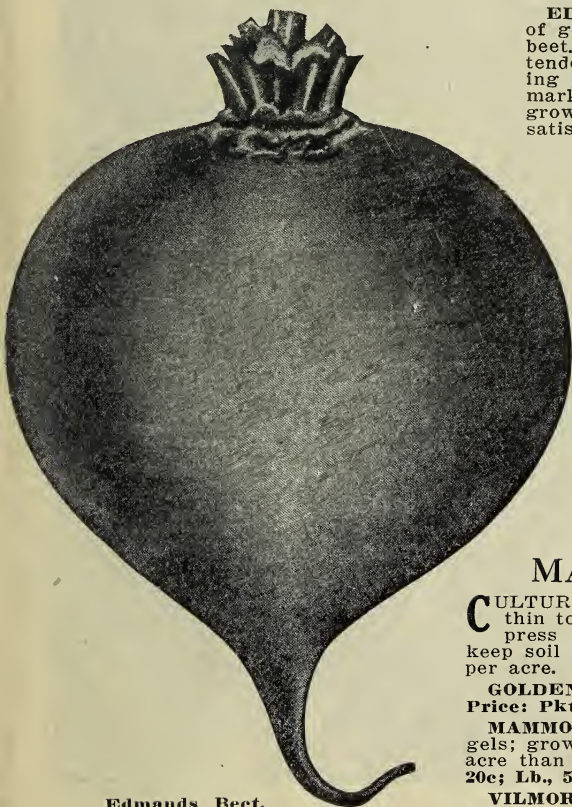
MANGELS AND SUGAR BEET

CULTURE—Sow in May or June in rows 24 inches apart and thin to 8 inches in the row. Cover seed about 1 inch and press soil firmly over it. Cultivate frequently so as to keep soil loose. One ounce of seed to 100 feet of drill; 4 lbs. per acre.

GOLDEN TANKARD—The best yellow for stock feeding. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 20c; Lb., 50c.

MAMMOTH LONG RED—This is the largest of all the Mangels; grows to an enormous size and will yield more tons per acre than any other variety. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 20c; Lb., 50c.

VILMORIN'S IMPROVED—The best variety for producing sugar. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 20c; Lb., 50c.



Edmands Beet.

CARROTS (Mohre)

One ounce will sow 100 feet of drill. Three lbs will sow an acre.



Oxheart—(Carrot)

FRANKFORT CARROT—See page 6.

EARLY SCARLET HORN (Stump Root)—One of the best early forcing varieties, this being used mostly for forcing and extra early planting. Grows well in shallow soil, being a short variety with small top. **Price:** Pkt., 5c; Oz., 10c; ¼ Lb., 30c; Lb., \$1.00. Postpaid

GUERANDE, or OXHEART — Roots are broad at the top, terminating abruptly in a small tap root. On account of their shape they are easily dug. Flesh is a bright orange, fine grain and very sweet. Tops are small for the size root. Grows well in soil too hard for the longer growing sorts. **Price:** Pkt., 5c; Oz., 10c; ¼ Lb., 30c; Lb., \$1.00. Postpaid.

EARLY HALF LONG SCARLET—Very productive, medium early and of excellent quality. Tops medium sized, necks small. Roots thick, five and one-half to six inches in length, uniformly half long or stump rooted but tapering slightly, smooth, deep orange-red in color. **Price:** Pkt., 5c; Oz., 10c; ¼ Lb., 30c; Lb., \$1.00. Postpaid.

DANVERS HALF-LONG IMPROVED (Stump Root)—For a general crop the best; the largest yield; the most profitable for the market gardeners. Roots medium length, deep orange, tapering uniformly to a blunt point; smooth and handsome. Flesh sweet, crisp and tender. The Danvers Half-Long originated in Danvers, Mass., where the raising of Carrots is a specialty. It is now grown largely everywhere on account of its great productiveness and great adaptability to all classes of soil. Great care has been taken in the selection of roots for seeds. **Price:** Pkt., 5c; Oz., 10c; ¼ Lb., 30c; Lb., \$1.00. Postpaid.

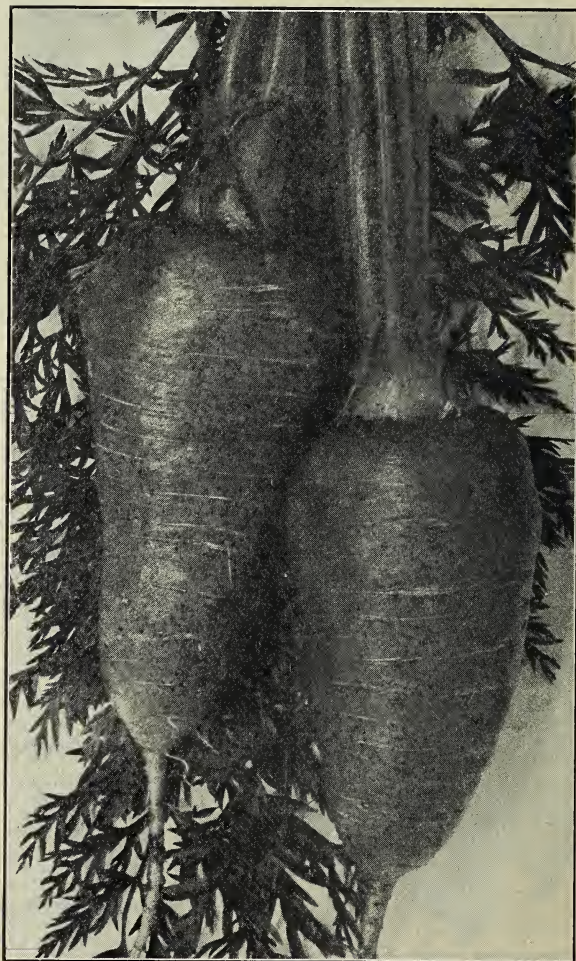
IMPROVED RUBICAN — STUMP-ROOTED It is a magnificent stump-rooted carrot of a rich orange shade, and of a most excellent flavor. It is valuable for all uses owing to its extreme sweetness and its enormous yielding merits. **Price:** Pkt., 5c; Oz., 10c; ¼ Lb., 30c; Lb., \$1.00. Postpaid.

LONG ORANGE—Large, sweet, thick and tender, an immense yielder and an ideal variety for both table and stock feeding. **Price:** Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 75c.

ST. VALERY—In our new private strain of St. Valery we offer you one of the best. In size it is large; rich, deep orange in color. **Price:** Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 75c.

CULTURE.—April is the time to sow for early use. Sow seed in drills twelve to fifteen inches apart, and thin out from three to four inches in drill, covering seed about one-half inch. For general crop sow in May same distance apart as above, but cover seed a little deeper as sun is stronger. Perfect specimens require a fine, pulverized, deep soil.

Carrots are not appreciated as they should be. Their table qualities are excellent, and as a food for stock they are surpassed by few root crops. They are especially valuable when fed to dairy cows, producing an increased flow of rich milk and imparting a beautiful golden yellow to the butter. We urge a more general use of the Carrot among our customers. Like other root crops, it flourishes best in a well enriched sandy soil, deeply tilled, and if plowed the Fall before so much the better.



Early Half Long Scarlet.

CELERY (Cellerie)

One ounce will produce about 3,000 plants. One-half pound of seed sufficient to sow one acre.

CULTURE.—The proper time to sow is early in April, transplanting about the first of June. Set in rows 3 feet apart, and about 8 inches between plants in the row. Keep down all weeds, and, as Fall approaches, draw earth up to the plants, keeping the stalks well together.

ST. L. S. CO.'S DWARF GOLDEN PERFECTION.—See Nov. Page 6.

GOLDEN SELF-BLANCHING (American-grown seed).—An early sort, requiring but little labor to blanch. Heart rich golden-yellow, with light yellowish-green outer leaves.

Price: Pkt., 5c; ½ Oz., 20c; Oz., 35c; ¼ Lb., \$1.25; Lb., \$4.00. Postpaid.

GOLDEN SELF-BLANCHING (French-grown).—This grand variety of French origin is becoming more popular every year, and is now one of the most extensively grown sorts both for private use and for market. It is of compact growth, the stalks being thick, crisp and brittle, while the hearts are large and solid, all blanching a beautiful waxen-yellow. **Price:** Pkt., 10c; ½ Oz., 50c; Oz., \$1.00; ¼ Lb., \$4.00; Lb., \$11.00. Postpaid.

WINTER QUEEN.—A very popular Winter Celery. It is one of the very best keepers. It is very heavy, large hearted, of a sweet nutty flavor, so desirable in Celery. **Price:** Pkt., 5c; ½ Oz., 15c; Oz., 25c; ¼ Lb., 75c; Lb., \$3.00. Postpaid.

GOLDEN HEART.—Very fine. When blanched the heart is of a beautiful waxy, golden yellow color. Very showy and attractive, Dwarf. **Price:** Pkt., 5c; ½ Oz., 15c; Oz., 25c; ¼ Lb., 75c; Lb., \$2.50. Postpaid.

WHITE PLUME.—One of the most desirable home garden varieties. Is earlier than Golden Self-Blanching, but is white instead of yellow. This famous variety is popular for the smaller home garden. **Price:** Pkt., 5c; ½ Oz., 15c; Oz., 25c; ¼ Lb., 75c; Lb., \$2.50. Postpaid.

CURLED CELERY.—This new variety is used by gardeners for cutting and bunching; used to make soup, etc. **Price:** Pkt., 5c; ½ Oz., 15c; Oz., 25c; ¼ Lb., 75c. Postpaid.

GIANT PRAGUE (Turnip Rooted).—This celebrated variety is the largest, smoothest and best strain of the Celery family. **Price:** Pkt., 5c; ½ Oz., 10c; Oz., 20c; ¼ Lb., 60c. Postpaid.



Golden Self-Blanching.
(American-grown seed.)

CUCUMBER

(Gurke)

One ounce will plant about 50 hills; one to two pounds to the acre.

(By Parcel Post, See Page 1.)

ST. L. S. CO.'S GREEN HYBRID.—See Nov. page 7.

EARLY WHITE SPINE, OR PEERLESS.—One of the best sorts to slice for the table. Our select strain of this well-known and popular variety is unsurpassed for the table and market. Grows 8 and 9 inches long. **Price:** Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 75c.

ARLINGTON IMPROVED WHITE SPINE.—Excellent for forcing or out-of-doors. A good seller on the market and a very profitable sort to grow for shipping. **Price:** Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 75c.

EXTRA LONG WHITE SPINE OR EVERGREEN.—Extra early, dark green and very prolific, is what we claim for this variety. Fruits average from eight to ten inches long and have very few seeds. **Price:** Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 75c.

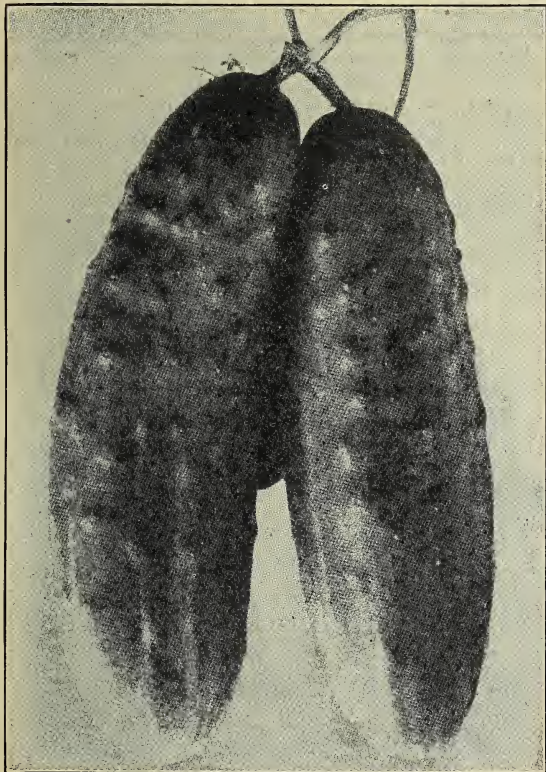
LONDON LONG GREEN.—The standard of all long green varieties. Nearly as early as the shorter varieties and grows to 12 inches long. Yellow when ripe. **Price:** Pkt., 5c; Oz., 10c; ¼ Lb., 20c; Lb., 60c.

Japanese Climbing.—If you cannot spare the space in your garden for cucumbers to sprawl around on the ground, plant this variety and train up vines to poles or trellises. 8 to 10 inches long. **Price:** Pkt., 5c; ½ Oz., 10c; Oz., 20c; ¼ Lb., 50c.

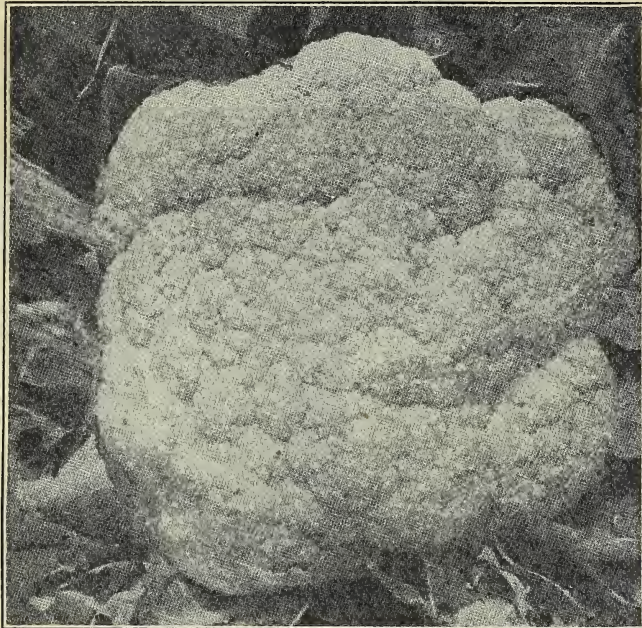
JERSEY PICKLE.—Quite pointed at both ends. Intermediate between the long and short green. Makes hard, brittle pickle. Very early. **Price:** Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 75c.

EARLY GREEN CLUSTER.—Short and prickly. A favorite for bottle pickles on account of its great productiveness. **Price:** Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 75c.

GERKIN OR BURR.—A small round prickly cucumber. Makes excellent pickles. **Price:** Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 50c.



Extra Long White Spine or Evergreen.



St. L. S. Co's Earliest Dwarf Erfurt Extra Select.

CAULIFLOWER

All Seed on this Page Postpaid.

CULTURE.—Plant seed in hotbeds in March or early in April and transplant to cold-frames as soon as large enough to handle. One ounce of seed will produce 3000 to 4000 plants.

ST. L. S. CO'S IMPROVED EARLY SNOWBALL—See Page 6.

ST. L. S. CO'S EARLIEST DWARF ERFURT EXTRA SELECT—Very early and forms snow and white heads six to ten inches in diameter of good quality. Its close growing habit permits more heads to a given area than the later maturing sorts. Excellent for both early and late planting. Grown from stock seed obtained from originators. Price: Pkt., 25c; ¼ Oz., \$1.00; ½ Oz., \$2.00; Oz., \$3.50; ¼ Lb., \$12.00. Postpaid.

ST. L. S. CO'S DRY WEATHER—This variety can be grown in dry locations and will make fine large compact heads. Our best variety for outdoor planting. Price: Pkt., 15c; ¼ Oz., \$1.00; ½ Oz., \$1.75; Oz., \$3.50. Postpaid.

PRIDE OF DENMARK—A fine variety of Cauliflower, especially adapted for sections subjected to long, dry seasons. The heads grow to a large size, are very solid, pure white and of delicious flavor. Price: Pkt., 25c; ¼ Oz., \$1.15; ½ Oz., \$2.00; Oz., \$4.00. Postpaid.

CABBAGE

One ounce will produce about 2,000 plants; ¼ pound seed in beds will produce plants for one acre.

COPENHAGEN MARKET—See Novelty Page 5.
AMERICAN KING—(See Novelty page 5)—This is our famous cabbage for late Fall and Winter use.

ST. L. S. CO'S EARLY TOP-NOTCH—This is superior to any other varieties, both in earliness and productiveness; in fact, it is the most important addition made to the cabbage family, large, round, solid heads of superior quality. Price: Pkt., 5c; ½ Oz., 15c; Oz., 30c; ¼ Lb., \$1.00; Lb., \$4.00.

EARLY JERSEY WAKEFIELD—This is our own private stock. Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; ¼ Lb., 75c; Lb., \$2.50.

CHARLESTON LARGE WAKEFIELD—A few days later, but larger heads than Jersey Wakefield. Same general shape. Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; ¼ Lb., 75c; Lb., \$2.50.

HENDERSON'S EARLY SUMMER—Always popular with market gardeners, as heads are twice as large as Wakefield and only twelve days to two weeks later. Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; ¼ Lb., 75c.

IMPROVED BRUNSWICK—Ours is the true short-stem strain. Good for second early and late crop, and attains an extraordinary large size. Price: Pkt., 5c; ½ Oz., 10c; Oz., 20c; ¼ Lb., 65c; Lb., \$2.00.

ALL SEASONS OR SUREHEAD—This is certainly well named, as it is a sure header of the Flat Dutch type of heads, and a first-class main crop sort. Price: Pkt., 5c; ½ Oz., 10c; Oz., 20c; ¼ Lb., 50c; Lb., \$1.75.

FOTTLER'S EARLY DRUMHEAD, OR SHORT STEM—One of the best second early varieties. Head large, flat, compact, solid and of fine quality. Price: Pkt., 5c; ½ Oz., 10c; Oz., 20c; ¼ Lb., 60c; Lb., \$1.75.

SUPERIOR LATE FLAT DUTCH—The heads are large and very solid; open white, are crisp and tender, and sure to head. Price: Pkt., 5c; ½ Oz., 10c; Oz., 20c; ¼ Lb., 50c; Lb., \$1.50.

ST. LOUIS LATE MARKET—For regularity in growth and sure heading this variety can't be beat. Is of a handsome color and appearance; mammoth in size, delicious in quality, extra short stem and compact in growth. In fact, it is one of the largest and best late cabbages ever discovered. We control and own the entire stock. Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; ¼ Lb., 90c; Lb., \$3.00.

EA. RED ERFURT—Very early and solid. Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c.

MAMMOTH ROCKRED—This famous variety is grown extensively almost everywhere; very solid and a sure cropper. Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; ¼ Lb., 75c.

EA. ULM SAVOY—Smaller than the late variety. Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; ¼ Lb., 75c.

PERFECTION LATE SAVOY—The heads are large and very solid and possess a fine delicate flavor. Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; ¼ Lb., 75c.



St. Louis Late Market.

SWEET CORN (Zucker Mais)

One quart will plant 200 hills; one peck sufficient for one acre in hills.

(By Parcel Post, See Page 1.)

GOLDEN BANTAM—See page 7.

A DAMS' EXTRA EARLY—This is in fact the earliest in cultivation, but it is not strictly a sweet corn. Requires very rich corn soil. Price: Pkt., 5c; ½ Pt., 10c; Pt., 15c; Qt., 25c; Gal., 50c; Pk., 90c; Bu., \$3.00.

A DAMS' EARLY—A valuable market variety. Price: Pkt., 5c; ½ Pt., 10c; Pt., 15c; Qt., 25c; Gal., 50c; Pk., 90c; Bu., \$3.00.

EARLY WHITE CORY—It is of a dwarf growth and short ears. We recommend it for its extreme earliness. Price: Pkt., 5c; ½ Pt., 10c; Pt., 15c; Qt., 25c; Gal., 65c; Pk., \$1.25; Bu., \$4.00.

MAMMOTH WHITE CORY—For a first-class early market or home use, and always produces two ears to a stalk, and sometimes three. Twelve rowed. Price: Pkt., 5c; ½ Pt., 10c; Pt., 15c; Qt., 25c; Gal., 65c; Pk., \$1.25; Bu., \$4.00.

EARLY Evergreen—Ready for table with the second earlies, such as Shaker's Early, etc., but is fully twice as large as any of them. The ears carry an average of 16 rows of fine large, deep, white and very sweet grains, which are second to none in tenderness and flavor. The stalk is very strong, sturdy and of only medium height; the leaves broad and dark green in color, a habit of growth, which gives it great endurance during a dry time. Especially adapted for early trucking; also very desirable for the home garden. Price: Pkt., 5c; ½ Pt., 10c; Pt., 15c; Qt., 25c; Gal., 65c; Pk., \$1.25; Bu., \$4.00.

SHAKERS' EARLY—A beautiful white, juicy ear of appetizing quality. Grown extensively by gardeners for hotel and other high-class trade. Price: Pkt., 5c; ½ Pt., 10c; Pt., 15c; Qt., 25c; Gal., 65c; Pk., \$1.25; Bu., \$4.00.

KENDALL'S EARLY GIANT—Those desiring the choicest and earliest Sweet Corn will do well to plant this variety, the growth being of a dwarf nature—4 to 5 feet high. Price: Pkt., 5c; ½ Pt., 10c; Pt., 15c; Qt., 25c; Gal., 65c; Pk., \$1.25; Bu., \$4.00.

HOWLING MOB—Remarkably large in ear for a second early sort and very popular in some localities. Twelve rowed. The grain is rather broad and shallow, and the quality very good. Price: Pkt., 5c; ½ Pt., 10c; Pt., 15c; Qt., 25c; Gal., 65c; Pk., \$1.25; Bu., \$4.00.

GENERAL CROP AND LATE

EARLY CHAMPION—Only a few days later than the extra earlies, bearing large, handsome, 12-rowed ears. Deep, white, plump grains and very sweet. Price: Pkt., 5c; ½ Pt., 10c; Pt., 15c; Qt., 25c; Gal., 65c; Pk., \$1.25; Bu., \$4.00.

WHITE EVERGREEN—Is of the same type as the famous "Stowell's Evergreen," only it is snow white, and of excellent quality. Stalks are of a very strong, vigorous growth, six to eight feet high. The ears are extra large. Price: Pkt., 5c; ½ Pt., 10c; Pt., 15c; Qt., 25c; Gal., 65c; Pk., \$1.25; Bu., \$4.00.

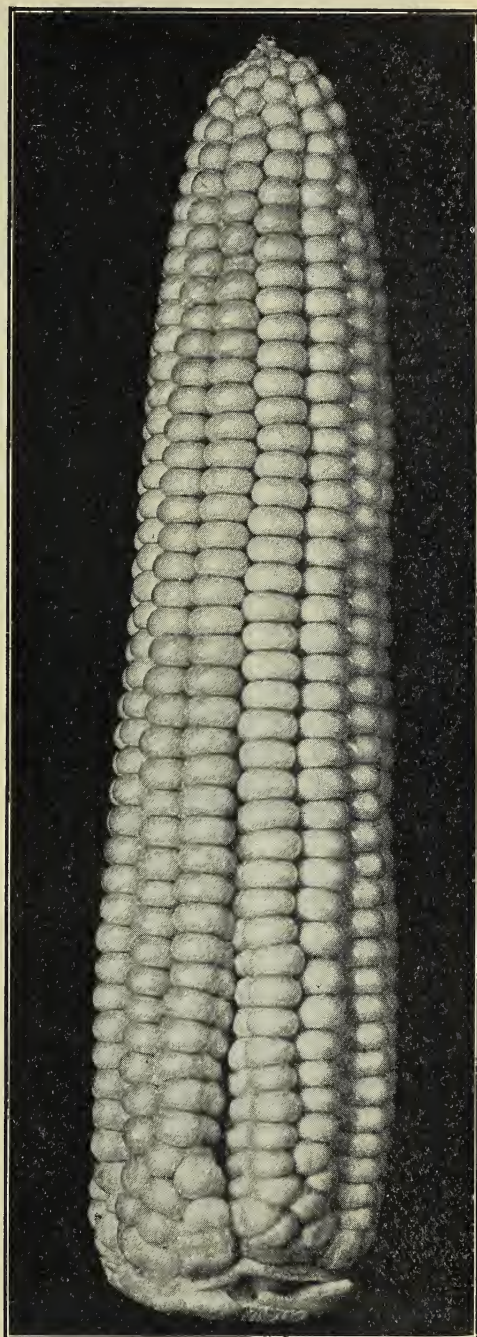
STOWELL'S EVERGREEN—Too well known to need any introduction. Ears are of a good size, with a deep, luscious, appetizing kernel. Price: Pkt., 5c; ½ Pt., 10c; Pt., 15c; Qt., 25c; Gal., 65c; Pk., \$1.25; Bu., \$4.00.

COUNTRY GENTLEMAN—For a delicious, appetizing sweet corn this variety can not be surpassed. Price: Pkt., 5c; ½ Pt., 10c; Pt., 15c; Qt., 25c; Gal., 75c; Pk., \$1.50; Bu., \$4.50.

BLACK MEXICAN—When in condition for the table it cooks white, but the grain when ripe is black. Price: Pkt., 5c; ½ Pt., 10c; Pt., 15c; Qt., 25c; Gal., 75c.

POP CORN

WHITE RICE—The most popular widely known variety. Price: Pkt., 5c; Lb., 10c; 10 Lb., 75c.



Stowell's Evergreen.



Corn Salad.

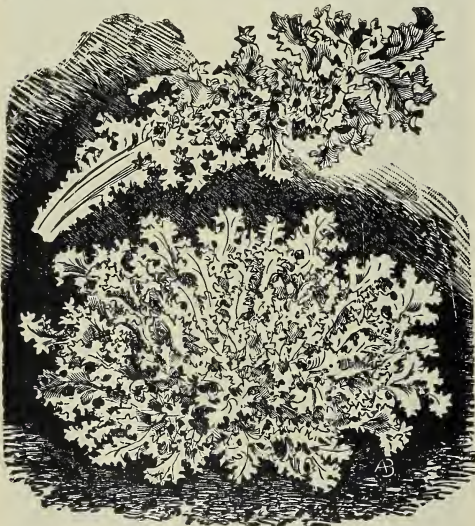
EGG PLANT (Eierpflanze)

One ounce will produce about 1000 plants.

ST. L. S. CO.'S IMPROVED OVAL SPINELESS—This new variety, our own production, has proven itself superior to any other strain, being very early. Hardy and productive, it is an ideal variety and gardeners can make more money from this improved and selected strain than from any other. **Price:** Pkt., 10c; ½ Oz., 20c; Oz., 40c; ¼ Lb., \$1.50. **Postpaid.**

BLACK BEAUTY—This distinct new variety is indeed a beauty. It is very attractive in appearance and of excellent flavor. **Price:** Pkt., 10c; ½ Oz., 20c; Oz., 35c; ¼ Lb., \$1.25. **Postpaid.**

EARLY LONG PURPLE—An early, hardier variety; club-shaped, dark purple fruit six to eight inches long, preferred by some for slicing; flesh firm. **Price:** Pkt., 5c; ½ Oz., 15c; Oz., 30c; ¼ Lb., \$1.00. **Postpaid.**



Green Curled Endive.

LEEK (Lauch)

One ounce will sow about 100 feet of drill.

LEEK is a mild onion flavored plant, prized as being the ideal for soup, etc. Sow in very rich soil, early in April, in drills, covering the seed about ½ in. deep. After plants are strong enough looking, transplant in rows 1 foot apart and 6 inches apart in the row.

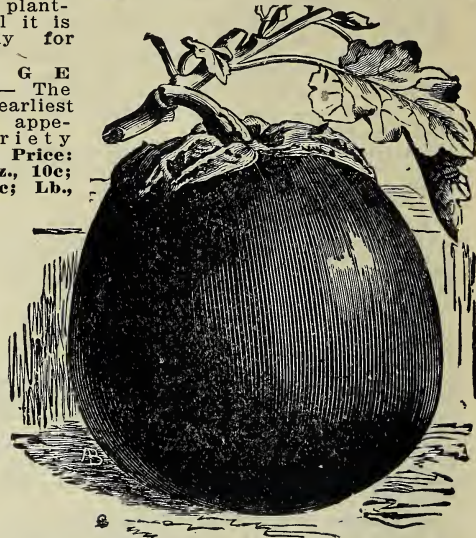
LONDON FLAG—The earliest, largest and most uniform of all. **Price:** Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 50c; Lb., \$1.50. **Postpaid.**

CORN SALAD OR FETTICUS

(Ackersalat)

One ounce will sow about 100 feet of drill. **A FAVORITE** for early "greens." By sowing in the Fall and protecting during the Winter with leaves or straw, it can be gathered very early in the Spring. However, if planted in April it is soon ready for use.

L A R G E LEAVED—The hardest, earliest and most appealing variety grown. **Price:** Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 50c.



St. L. S. Co.'s Improved Oval Spineless.

ENDIVE (Endivien)

(By Parcel Post, See Page 1.)

One ounce of seed to 300 feet of row.

ENDIVE is one of the best and most wholesome salads for fall and winter use. Sow in shallow drills in April for early use, or for late use in June or July. When nearly full grown, and before they are fit for the table, they must be bleached. This is done by gathering the leaves together and tying with yarn or bass.

GREEN CURLED—Ornamental curled leaves of dark green color. Blanches white and crisp. **Price:** Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 50c; Lb., \$1.50. **Postpaid.**

WHITE CURLED—Leaves not so tender as the green, but is self blanching and very attractive. **Price:** Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 50c; Lb., \$1.50. **Postpaid.**

B R O A D - LE A V E R o r ESCAROLE—Broad, thick ribs, with slightly wrinkled leaves. The best broad-leaved variety. **Price:** Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 50c; Lb., \$1.50. **Postpaid.**



Large Rouen.

LARGE ROUEN—A large, thick, short-stemmed variety. **Price:** Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 50c; Lb., \$1.50.

KALE OR BARECOLE

(By Parcel Post, See Page 1.)

One ounce will sow about 200 feet of drill.

DWARF GERMAN FOR SPRING—An improved selection of the ordinary Dwarf German Greens. A superior variety for market culture. It has no equal. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 20c; Lb., 60c.

DWARF GERMAN GREEN HOME GROWN FOR FALL—Largely grown for supplying "greens" during the Fall, Winter and Spring. The plants are hardy; frost improves the quality. The leaves are very large, deeply curled and fringed, and of that desirable rich bright green color; the plants are of very dwarf, even growth, so that they are not broken off by heavy, wet snow, as often happens with taller types. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 20c; Lb., 60c.

DOUBLE CURLED SCOTCH—Desirable for Winter and Spring greens. Leaves are curly like Parsley tender and of very fine flavor. It is improved by frost. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 35c; Lb., \$1.25.

TALL SCOTCH—This variety makes beautiful plants, two feet or more in height. Leaves are finely curled and very tender. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 30c; Lb., \$1.00.



Dwarf German Green Home Grown.

KOHL-RABI (Kohlrabi)

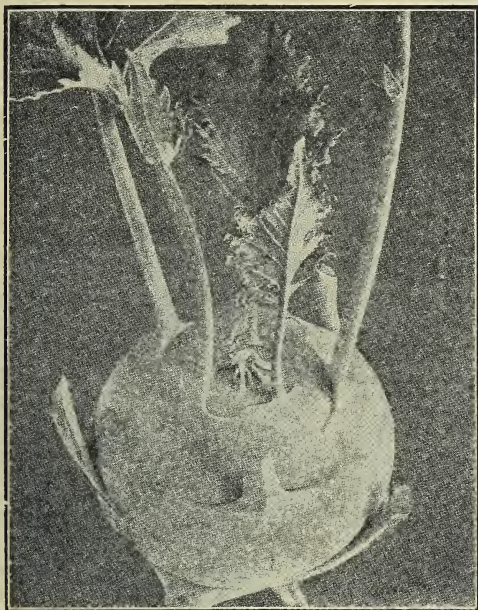
One ounce will sow about 200 feet of drill.

CULTURE—This is a very delicious vegetable, and is increasing in popularity rapidly; combines the good qualities of the turnip and cabbage, but excels both in nutritive and productive qualities. Cooked the same as turnips, they are very tender and palatable. Sow in spring in rows 14 inches apart, and thin away the plants to 8 inches.

EARLY WHITE VIENNA—Flesh white and tender; a standard sort for market and table use. Good for forcing. This variety has a very short top and forms the ball quickly, thus making it a particularly desirable sort on account of its earliness. Price: Pkt., 5c; ½ Oz., 10c; Oz., 20c; ¼ Lb., 60c; Lb., \$2.25. Postpaid.

EARLIEST WHITE ERFURT—An excellent variety for forcing. It will also do well in the open ground. Price: Pkt., 5c; ½ Oz., 10c; Oz., 20c; ¼ Lb., 75c. Postpaid.

EARLY PURPLE VIENNA—Differs from the Early White Vienna in color only. Price: Pkt., 5c; ½ Oz., 10c; Oz., 20c; ¼ Lb., 65c. Postpaid.



Kohl-Rabi

MUSTARD (Senf)

One ounce will sow 40 feet of drill.

(By Parcel Post, See Page 1.)

MUSTARD should be sown in every garden. As a money maker it attains a high rank, always being in great demand by hotels; for greens, salads, etc., it is unsurpassed.

CHINESE CURLED—When cooked like spinach the broad leaves of this variety are delicious. They are often more than a foot in length and crimped much like the Savoy Cabbage. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 40c.

GIANT SOUTHERN CURLED—A favorite in the South, growing very large with a beautiful curled leaf. It is very tender and of especially good flavor; also desirable for garnishing. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 35c; 10 Lbs., \$3.00.

WHITE OR YELLOW LONDON—Seeds are used for pickling and the leaves are relished by many people. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 35c.

SEEDS BY PARCEL POST

We pay Postage on Packets, Oz., ¼ Lb., ½ Pt., in U. S., for pounds, pints, quarts, see Parcel Post rate, Page 1.





St. Louis Market.

HEADED VARIETIES

ST. L. S. CO.'S BLACK SEEDED FORCING—The favorite of gardeners who grow for the St. Louis market. Heads grow of medium size, well formed and compact. Of excellent quality and fine appearance. Early, tender and delicious. **Price:** Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 50c; Lb., \$1.50.

ST. LOUIS MARKET—A favorite with gardeners; its good qualities always insure for it a big market demand. Large, hard heads of crisp, buttery flavor. A fine summer variety for home garden. **Price:** Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 40c; Lb., \$1.25.

MAMMOTH BLACK SEEDED BUTTER—A fine variety for outdoor planting or for cold frames, either for market or home use. It produces extra large heads, very compact, of a fine flavor. **Price:** Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 50c; Lb., \$1.50.

ST. L. S. CO.'S BIG BOSTON—This grand variety, has proved to be most valuable, is now more extensively grown than any other kind of Lettuce, either for the private table or for sale, whether grown in the open ground for summer and fall use, in frames for spring, splendid, large, buttery-yellow heads, packed with thoroughly blanched leaves, crisp, tender, sweet and white. **Price:** Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 40c; Lb., \$1.25.

ST. L. S. CO.'S NOXALL—Very popular for Summer use. It grows a large head and is very slow to run to seed. It is very tender and crisp, very nearly white in the heart. **Price:** Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 50c; Lb., \$1.50.

HANSON—In every respect an ideal Lettuce. It never fails to make large, handsome heads. **Price:** Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 35c; Lb., \$1.00.

TRIAXON COS (Romanine)—A distinct variety, tall, self-bleaching. **Price:** Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 50c; Lb., \$1.50.

HARDY GREEN WINTER—Very popular. **Price:** Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 35c; Lb., \$1.00.

BROWN DUTCH WINTER—The standard winter sort. Of delicious flavor. **Price:** Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 35c; Lb., \$1.10.

LETTUCE

CULTURE—Lettuce seed should be sown very early in the spring and at intervals of 15 days for a succession; sow the seed in shallow drills—being careful to firm the soil well over the seed and thin to 4 inches apart in row. Two ounces of seed will sow 150 feet of rows, 4 to 5 lbs. seed required per acre.

EARLY CURLED VARIETIES

EARLY CURLED SIMPSON—The standard cutting or loose-headed variety. Earlier than the heading sorts. **Price:** Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 35c; Lb., \$1.00.

BLACK SEEDED SIMPSON—Larger and lighter in color than Early Curled Simpson. **Price:** Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 35c; Lb., \$1.00.

GRAND RAPIDS—Especially adapted for early family use. A loose-headed Lettuce of pleasing appearance and remarkable table merit. **Price:** Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 35c; Lb., \$1.00.

PRIZEHEAD—As its name implies, forms a very large, loose head, slightly tinged with brown. **Price:** Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 35c; Lb., \$1.00.

ST. L. S. CO.'S BIG MKT. GARDENER—See Nov. Page 8.

ST. L. S. CO.'S KING OF THE GARDEN—See Nov. Page 9.

ST. L. S. CO.'S IMP. BUTTER—This is one of the finest, the most brittle as well as the crispest Lettuce. This delicious variety is of the cabbage type. Every plant is uniformly perfect, nearly all head and with but few outside leaves. The heads are compactly formed of densely packed cream-colored heart leaves of fine quality, tender, crisp, and sweet; and most attractive in appearance. It is not only a very early and hardy Lettuce, but it stands early summer heat well, and does not bolt to seed for two weeks after it is fully headed up, though we do not recommend it for use during very hot weather. Color of the outside leaves, pale green. **Price:** Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 50c; Lb., \$1.50.



Big Boston.

MUSKMELON (Melonen)

One ounce will plant about 50 hills; 2 to 3 Lbs. in hills per acre.

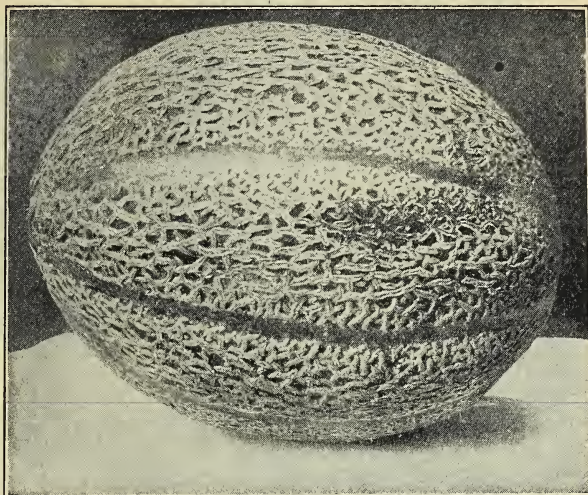
(Seed by Parcel Post see Page 1.)

CULTIVATE in hills, which should be 5 to 6 feet apart each way, and composed of light, moderately rich soil. The hills should be dug about 2 feet square, 18 inches deep, and half-filled with well-rotted manure, which must be thoroughly incorporated with the soil. Plant in May, ten seeds to the hill, and when the plants are well up, thin out to three. Cultivate until the vines cover the ground and pinch the ends of the growing shoots to induce early fruiting.

ST. L. S. CO'S EDEN GEM—See Nov. Page 9.
ROCKY FORD, or NETTED GEM—The Melon that made Rocky Ford famous. The favorite green-fleshed shipping variety. Known well and favorably wherever Melons are grown; more largely planted and shipped in larger quantities than any other sort. Oval shape, covered entirely with fine netting, slightly ribbed. Flesh green, very thick, sweet and juicy. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 20c; Lb., 60c.

ST. LOUIS MARKET—By far the sweetest and most luscious, richly flavored melon ever grown. Flesh is green and delicious, rind is green and solid, with a rich aromatic flavor that is simply indescribable. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 30c; Lb., \$1.00.

BURREL GEM—The flesh is of the most handsome salmon color, the skin of a beautiful netted dark green; it is shallow ribbed and shaped similar to the Rocky Ford only larger. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 75c.



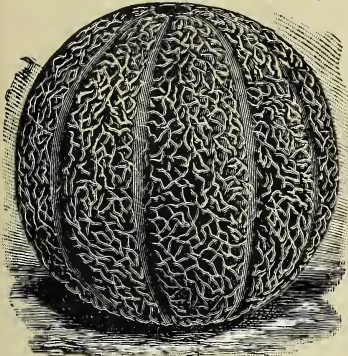
Rocky Ford, or Netted Gem.

COLORADO QUEEN—We pronounce this the best green-fleshed melon for shipping long distances offered to date. It is as early as the Rocky Ford, with deep flesh. The illustration shows the shape. It will hold up longer before getting soft and turning yellow than any variety we know of. The netting is heavy, slightly covering the ribs. It averages a trifle larger than Burrell Gem. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 30c; Lb., \$1.00.

EARLY HACKENSACK—Very early and reliable. Skin is green and thickly netted. Flesh light green. This valuable variety is ready for market fully ten days ahead of the well-known Hackensack, which it much resembles in shape and quality. The melons are of good size, weighing from 5 to 10 pounds each; excellent for market and private garden. Our stock is true. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 75c.

LARGE HACKENSACK—Skin is heavily netted. Flesh is green color. Productive. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 75c.

EMERALD GEM—The flesh is thicker than in any other melon of



St. Louis Market.

equal size, is of a beautiful rich salmon color. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 75c.

OSAGE—Dark green skin of a peculiar netting. Salmon flesh. Very delicious. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 75c.

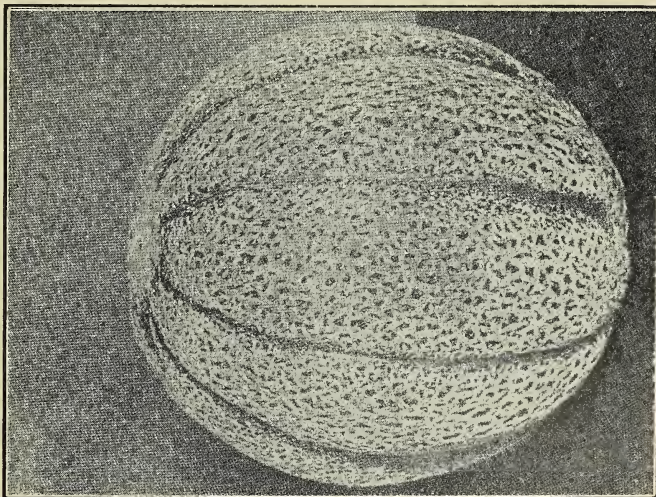
HENDERSON'S BUSH MUSKMELON grows a true Bush and is radically different from any existing kind.

The bush character is attained by a shortening of the stem between the joints. There are just as many leaves on the plant as on other kinds, but these grow so compactly that the plant can be grown on one-half the space usually required.

The fruit is small, but fully equal in quality to the standard varieties. They are produced in abundance, in fact, we advise that each plant be allowed to ripen only about one-half of the fruit, as it is apt to bear too many. Price: Pkt., 5c; Oz., 15c; ¼ Lb., 50c.

POMEGRANATE—When ripe, color, of an orange. Fragrant. Price: Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 50c.

BANANA—Very long Cucumber-shaped; delicious odor; late. Price: Pkt., 5c; Oz., 10c ¼ Lb., 35c.



Colorado Queen.

WATERMELON (Wassermelonen)

One ounce will plant about 30 hills. Two pounds will plant an acre.

(By Parcel Post See Page 1.)

FORDHOOK EARLY—The earliest large variety. Excellent quality. Best for home use. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 20c; Lb., 50c.

KLECKLEY SWEETS (Monte Cristo)—Is especially recommended for its fine flavor—in this respect surpassing most all others. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 20c; Lb., 50c.

BLACK DIAMOND—A large melon, very productive. It is oval in shape with very dark skin. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 20c; Lb., 50c.

TOM WATSON—A large, oblong melon, the skin of which is dark green, with thick netting on the entire surface, quite distinct from other varieties. It averages 18 to 24 inches long and 10 to 12 inches in diameter and weighs 50 to 60 pounds. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 20c; Lb., 60c.

ST. L. S. CO.'S SWEETHEART—This melon is our great leader; it is one of the finest large melons in existence. Almost globular, but a little longer than thick. Skin is a beautiful light, bright mottled green, thin, but very tough rind. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 20c; Lb., 50c.

MEYER'S WONDERFUL SUGAR—This celebrated melon is claimed by many to be the sweetest of all varieties. Crisp, free from any strings. Solid meat. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 20c; Lb., 50c.

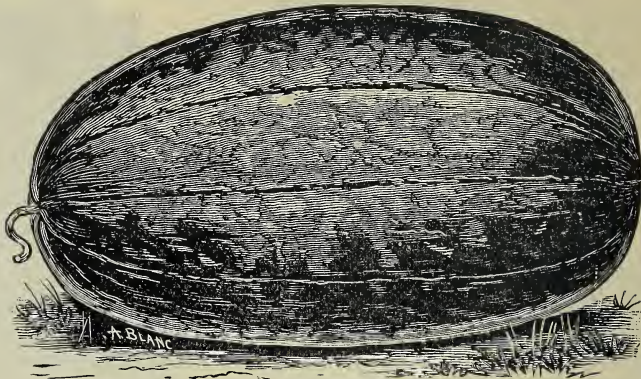
FLORIDA FAVORITE—Shape oblong, with light and dark green skin; flesh is bright crimson and deliciously sweet. We offer only a select stock of this famous melon. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 20c; Lb., 50c.

ALABAMA SWEET—This, without question, is the greatest melon ever offered. It is superior to others both in size and weight. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 20c; Lb., 50c.

HALBERT HONEY—Fully equals the Kleckley Sweets in superb luscious flavor, and has fruits more even and regular in outline, with a darker, richer colored skin. The vines are of strong, vigorous growth and set fruits very freely. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 20c; Lb., 50c.

IMPROVED TRIUMPH—The largest, the sweetest, and one of the most beautiful melons in cultivation. Medium late. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 20c; Lb., 50c.

CITRON—Grown extensively for preserving. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 20c; Lb., 60c.



Tom Watson.

MUSHROOM CULTURE (Champignon-Brut)

GET OUR DIRECTION HOW TO GROW MUSHROOMS—IT'S FREE

MAY be grown in a great variety of situations—a dark room, cellar, stable or elsewhere. Any place in which an even temperature of about 50 or 60 degrees can be kept, is suitable. For materials for the bed, use fresh horse manure, free from straw or chips, and good loamy soil. Some growers use the manure unmixed with loam, after first having well fermented it by alternately piling up and mixing for a few weeks; but it is undoubtedly better not to allow the manure to heat much before forming the bed. Use one-fourth to one-third loam, the rest manure. Mix very thoroughly and upon a dry, firm bottom; make the bed of this mixture about four feet wide, and of any desired length. Build it up evenly, pressing it down very firmly, and leave it about a foot high. It will shortly begin to heat. Use a thermometer to thrust into bed, and note the temperature. When the heat has partially subsided, leaving a temperature of 70 to 80 degrees, put in the spawn. Pieces from the size of walnuts to that of eggs are placed in the bed about a foot apart, deep enough to cover them well, and the manure pressed down.

Let it remain thus ten or twelve days; then cover with two inches of fresh loam, and make this moderately firm.

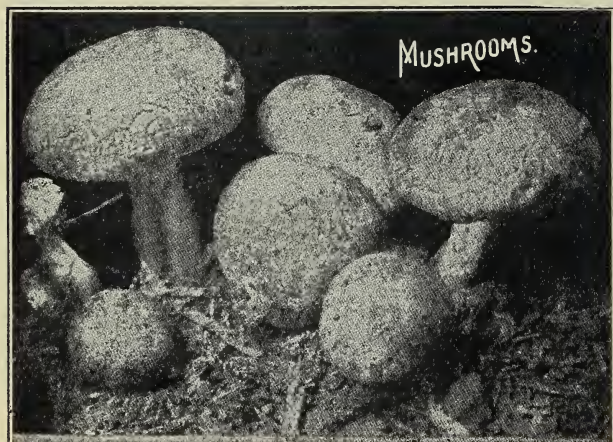
The bed is finished by covering all with 4 or 5 inches of straw or other litter. Watering is not necessary unless the surface of the bed gets very dry; in this event moisten freely with water at a temperature of about 80 degrees. In gathering the crop do not cut, but twist them off carefully filling up the holes with loam to keep insects from the roots. In six or eight weeks from spawning the beds, mushrooms should appear.

LAMBERT'S PURE CULTURE SPAWN is far superior to the old style varieties and much better results can be obtained from its use. With every order of mushroom spawn we send free of charge complete instructions for mushroom culture. Bricks weigh from 18 to 20 ounces. A brick will spawn ten square feet of bed. Prices: Per Brick, 20c; 10 Bricks, \$2.00; 25 Bricks, \$4.75; 100 Bricks, \$16.00.

Mushroom Books Tell All About It

MUSHROOM CULTURE—By Robinson. The best English book, cloth bound. Price: 50c. Postpaid.

MUSHROOMS—By W. Falconer. The best American book. Price: \$1.00. Postpaid.



OKRA, OR GUMBO

(By Parcel Post See Page 1.)

One ounce will sow 40 feet of drill.

THIS celebrated Southern plant is becoming popular wherever grown, its nutritious young seed pods being used for stews, soups, etc., and is always in big demand. Sow seed thinly in drills one inch deep and three feet apart. When well up thin out the plants to one foot apart. Gather the pods when young. Very delicious and appetizing.

WHITE VELVET—Beautiful, smooth, velvety white pods, produced in the greatest abundance. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 50c.

PERKIN'S MAMMOTH LONG POD—In productiveness this Okra is simply wonderful. Pods of an intense green color, are of an unusual length and do not get hard. It is one of the best green sorts for canning for winter use. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 50c.

DWARF GREEN—The standard dwarf, short green-pod variety. Very productive. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 50c.

OYSTER PLANT OR SALSIFY (Haferwurz)

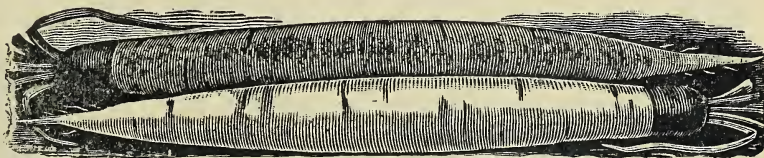
One ounce will sow 50 feet of drill.

MAMMOTH SANDWICH ISLAND—The favorite variety of Salsify, as well as the largest and best sort in cultivation; very hardy. Grown extensively by gardeners and truckers everywhere. Price: Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 50c; Lb., \$1.50.

LONG WHITE—A favorite market variety and fine flavored. Price: Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 50c; Lb., \$1.50.



Dwarf Green.



Mammoth Sandwich Island Salsify.

HERBS

SWEET, MEDICINAL AND POT

THE varieties marked an asterisk (*) are hardy perennials. To preserve herbs properly, cut the stems and leaves just as the plant is coming into bloom, dry them in the shade, and when perfectly dry wrap them up in paper or store them away in a dry room, or rub the leaves to a powder, pack in bottles and cork tightly, and store them away, which will preserve them for any period.

ANISE—Seeds aromatic and carminative. Price: Pkt., 5c; Oz., 10c.

BALM—For balm tea or balm wine. Price: Pkt., 5c; ½ Oz., 10c; Oz., 20c.

BASIL SWEET—For highly seasoned dishes, soups, etc. Price: Pkt., 5c; ½ Oz., 10c; Oz., 20c.

BENE—Leaves good for diarrhoea; seeds and oil for the skin. Price: Pkt., 5c; ½ Oz., 10c; Oz., 15c.

BORAGE—Used as a salad. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 35c; Lb., \$1.00.

CATNIP, or **CATMINT**—Leaves for seasoning. Price: Pkt., 5c; ½ Oz., 10c; Oz., 20c.

CARAWAY—For flavoring bread. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 30c.

CHERVIL, **CURLED**—Largely used in soup. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 30c.

CORIANDER—For flavoring cakes, etc. Price: Pkt., 5c; ½ Oz., 10c; Oz., 15c.

DILL—For flavoring pickles and as a condiment. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 75c.

FENNEL—Sweet—Used in sauce. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 25c.

HOARHOUND—For cough remedies. Price: Pkt., 5c; ½ Oz., 10c; Oz., 20c.

LAVENDER—Leaves for seasoning, dried flowers for perfuming. Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c.

MARJORAM—Sweet—Used like sage and thyme in seasoning. Price: Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 50c; Lb., \$1.25.

PEPPERMINT—For flavoring. Price: Pkt., 5c.

ROSEMARY—Hardy, aromatic, evergreen shrub. Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c.

SAGE—Common—Price: Pkt., 5c; Oz., 10c; ¼ Lb., 30c; Lb., \$1.00.

SAFFRON—Used in medicine, also in dyeing. Price: Pkt., 5c; Oz., 10c.

SAVORY—Summer—Thyme-like flavor. Price: Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 50c; Lb., \$1.50.

SORREL—Broad-Leaved—For boiling "greens" or salad. Cook like spinach, or with it, one-third Sorrel. Price: Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 50c; Lb., \$1.25.

THYME—Sweet—For seasoning soups, etc., also tea for nervous people. Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c.

TARRAGON—(Estragon)—For flavoring. The young leaves are used for pickles, vinegar, etc. Price: Pkt., 5c; ½ Oz., 25c; Oz., 50c.

WOODRUFF—Fragrant leaves and stems; used for putting among clothes, in Germany, to flavor the "Maitrank." Price: Pkt., 5c; ½ Oz., 25c; Oz., 50c.

WORMWOOD—Used medicinally and in liquors; a good tonic for poultry. Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c.

ONION (Zwiebeln)

(By Parcel Post, See Page 1.)



GIANT YELLOW PRIZE TAKER—Our new Giant Yellow Prize Taker cannot be recommended too highly. There is a limit to the good qualities of other Onions. There is no limit to this wonder of the Onion world. The king of all main crop varieties. Color is of a beautiful straw hue with pure white flesh. Price: Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 40c; Lb., \$1.50.

MAMMOTH SILVER KING (White Garanus)—One of the greatest, grandest and most delicious Onions ever offered. Grows very large, early, flat, but thick through; tender and of very mild sweet flavor; uniform in size and shape. Price: Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 50c; Lb., \$1.75.

PHILADELPHIA SILVERSKIN—One of the leading white sorts, beautiful shape and mild flavor. It is largely used for growing sets on account of its fine shape when small, and also for its good keeping qualities. It is also extensively used as a pickling onion. Price: Pkt., 5c; ½ Oz., 10c; Oz., 20c; ¼ Lb., 60c; Lb., \$2.00.

LARGE WHITE GLOBE—This celebrated Onion in appearance and quality is one of the finest in cultivation. Perfectly globe-shaped, with pure white skin; fine grained and of excellent flavor. A good keeper. Like all globe-shaped varieties, it is later in ripening than flat sorts, but brings a higher price on the market. Price: Pkt., 5c; ½ Oz., 10c; Oz., 20c; ¼ Lb., 75c; Lb., \$2.50.

WHITE BERMUDA—It is one of the earliest in maturing, is of a straw color with pure white flesh. Very profitable for market early. Price: Pkt., 5c; ½ Oz., 10c; Oz., 20c; ¼ Lb., 75c; Lb., \$2.50.



GARLIC

USED for flavoring soups, stews and other dishes. The crop matures in August, when it is harvested like the onion crop. Price: Lb., 25c; 10 Lbs., \$2.00.

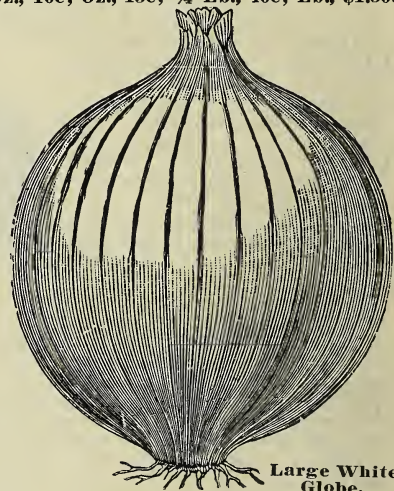
CULTURE—Sow in rich, sandy soil, in drills 1 foot apart, as early as possible in the spring, cover with fine soil and firm well, either with roller or back of spade. When plants are strong enough, thin out to 3 or 4 inches. Have ground thoroughly cultivated, free from weeds and well fertilized. One ounce to 100 feet of drill, 4 to 5 pounds per acre for large Onions. For sets, use from 15 to 20 pounds of seed per acre.

EARLY RED TRIPOLI—A grand early red variety. Price: Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 40c; Lb., \$1.50.

LARGE WETHERSFIELD—Undoubtedly the most popular Onion ever grown. The standard of all red varieties. Skin is deep purple red, flesh purplish white. Very fine grained and of excellent flavor. (See cut.) Price: Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 40c; Lb., \$1.50.

LARGE RED GLOBE—This celebrated variety differs from the Wethersfield in being almost a perfect globe, and matures later, and by its handsome appearance on the market sells better. An excellent keeper. Price: Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 40c; Lb., \$1.50.

YELLOW GLOBE DANVERS—A very handsome round or globe shape variety of large size, with thin, yellow skin, white flesh, fine grained, mild, very firm, and the best of keepers. It ripens early, sells readily at the highest prices in our markets. Price: Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 40c; Lb., \$1.50.



Large White Globe.

ONION SETS

Prices Subject to Change.
32 Pounds to the Bushel.

WHITE ONION SETS—For setting in early Spring to produce the first early white green Onions; largely used by market gardeners for bunching. Price: Qt., 15c; Gal., 50c; Pk., \$1.00; Bu. (32 Lbs.), \$4.00.

YELLOW ONION SETS—These, like the white and red, are for early setting in Spring in place of sowing the seed, producing a large Onion much earlier than can be done by the seed. Price: Qt., 15c; Pk., \$1.00; Bu. (32 Lbs.), \$3.50.

RED ONION SETS for setting in early Spring to produce green onion for table, also used for growing large onion. Price: Qt., 15c; Gal., 50c; Pk., \$1.00; Bu., \$3.50.

POTATO ONIONS, YELLOW—From the parent bulb many small bulbs are produced in clusters. Used for early Onions. Price: Qt., 25c; ½ Pk., 75c; Pk., \$1.25.

POTATO ONION, WHITE, or MULTIPLIER—Very similar to the yellow only the color is pure silvery white; quality is excellent; good size for bunching green. Price: Qt., 15c; ½ Pk., 50c; Pk., \$1.00.

EGYPTIAN, or PERENNIAL TREE ONION—The young sets grow on top of the stalks like tree Onions. Should be planted in August or September for early Spring use. They are perfectly hardy.

PEAS (Erbsen)

(Peas by Parcel Post, See Page 1.)

CULTURE—Plant early, smooth varieties as soon as frost is out of ground; follow with the early wrinkled sorts in a week or 10 days and make successive plantings every 10 days until middle of June. Plant 2 to 3 inches deep, in rows 24 inches apart, if cultivated by hand; if by horse power rows should be 3 feet apart. Dwarf varieties require no sticks, tall varieties do better staked. Use 1 pint to 50 feet of drill, 2 to 3 bushels per acre.

EXTRA EARLY VARIETIES

ST. L. S. CO.'S IMPROVED EXTRA EARLY—Superior to all rivals. Very prolific, bushes becoming loaded with large, smooth green peas of beautiful texture. Matures in from 40 to 45 days after germination, very uniformly. Price: Pkt., 5c; ½ Pt., 10c; Pt., 15c; Qt., 25c; Gal., 65c; Pk., \$1.25; Bu., \$5.00.

ALASKA—One of the earliest smooth varieties. Pods are a dark green color, extra well filled and ripen very uniformly. Height about 2 feet. Price: Pkt., 5c; ½ Pt., 10c; Pt., 15c; Qt., 25c; Gal., 65c; Pk., \$1.25; Bu., \$5.00.

FIRST OF ALL, or ECLIPSE—Pods grow large and solid and contain from one to two more Peas to a pod than any other variety. Vines average a height of about 24 to 26 inches, and produce pods in abundance. Price: Pkt., 5c; ½ Pt., 10c; Pt., 15c; Qt., 30c; Gal., 90c; Pk., \$1.75; Bu., \$6.50.



St. L. S. Co.'s Impr. Extra Early.

SECOND EARLY AND MAIN VARIETIES

ST. L. S. CO.'S SUTTONS EXCELSIOR—See Nov. Page 10.

GRADUS or PROSPERITY—The earliest of all the wrinkled Peas. Produces large green pods 4 to 6 inches long. The vines are two feet high, pale green in color; the pods are borne singly and freely from top to bottom of the vine, contain from six to ten Peas of luscious quality, fully as large, and as rich in flavor as Telegraph, but nearly two weeks earlier. Price: Pkt., 5c; ½ Pt., 10c; Pt., 20c; Qt., 35c; Gal., \$1.25; Pk., \$2.25; Bu., \$8.00.

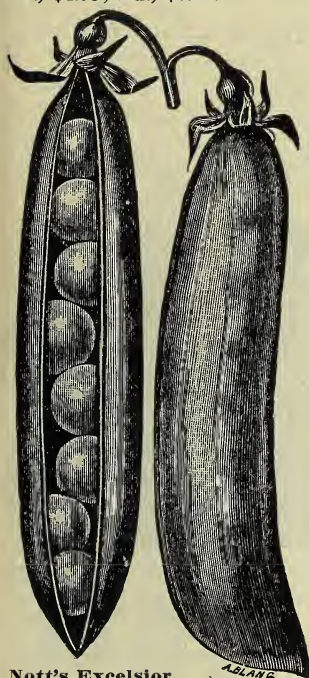
AMERICAN WONDER—An early dwarf Pea that is a wonderful bearer. Its bushes, growing only about one foot high, are literally covered with pods of dark green texture. A good home sort. Price: Pkt., 5c; ½ Pt., 10c; Pt., 15c; Qt., 30c; Gal., 90c; Pk., \$1.75; Bu., \$6.50.

ST. L. S. CO.'S NOTT'S EXCELSIOR—Our new strain of this celebrated standard variety is indeed a winner. Everybody knows the merits of this famous variety. In brief, this new strain combines all the good qualities of the dwarf varieties. Price: Pkt., 5c; ½ Pt., 10c; Pt., 15c; Qt., 30c; Gal., 90c; Pk., \$1.75; Bu., \$6.50.

TELEGRAPH—Peas very large and of dark green color; seed almost smooth. Vines tall, about four to four and one-half feet. Pods very large, about four and one-half inches long. A splendid sort for the market garden. Price: Pkt., 5c; ½ Pt., 10c; Pt., 15c; Qt., 30c; Gal., 90c; Pk., \$1.75; Bu., \$6.50.

LATE VARIETIES

ST. L. S. CO.'S NEW SUPERIOR—This fine new pea is of the Telephone type. Peas are of large size and unsurpassed in quality. We highly recommend it to market gardeners as a splendid yielder of very large and attractive pods. Price: Pkt., 5c; ½ Pt., 10c; Pt., 15c; Qt., 30c; Gal., 90c; Pk., \$1.75; Bu., \$6.50.



Nott's Excelsior.

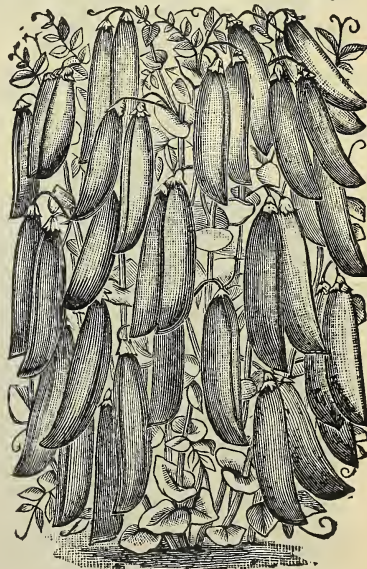
ST. L. S. CO.'S SECOND EARLY—This Pea is one of the finest second early Peas on earth, with the exception of New Superior. Ripens about two weeks later than our Extra-Early variety. Height about three feet. Price: Pkt., 5c; ½ Pt., 10c; Pt., 15c; Qt., 30c; Gal., 90c; Pk., \$1.75; Bu., \$6.50.

BLACK-EYED MARROWFAT—An old-time favorite. Height five feet. Price: Pkt., 5c; ½ Pt., 10c; Pt., 15c; Qt., 25c; Gal., 75c; Pk., \$1.50.

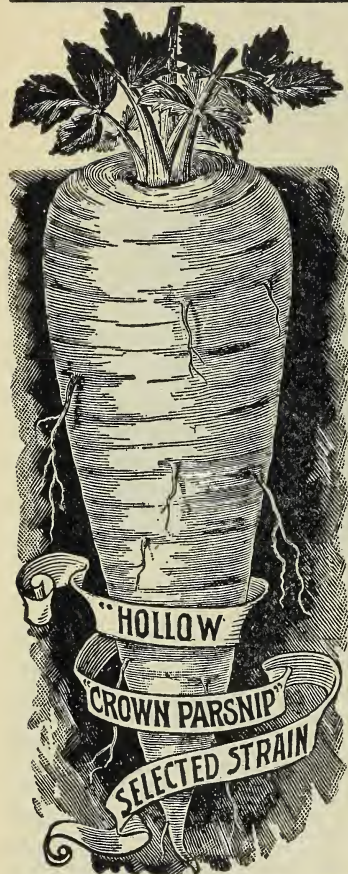
WHITE MARROWFAT—Like the Black-Eyed Marrowfat; this variety is extensively sown as a field crop. Price: Pkt., 5c; ½ Pt., 10c; Pt., 15c; Qt., 25c; Gal., 75c; Pk., \$1.50.

EDIBLE POD TALL MELTING SUGAR—A foreign Pea, little known in this country. A wonderfully productive sort. Price: Pkt., 5c; ½ Pt., 10c; Pt., 15c; Qt., 30c; Gal., \$1.00; Pk., \$2.00.

EDIBLE POD DWARF GREY SUGAR—Of a dwarf growth, a fine edible pod when young. Price: Pkt., 5c; ½ Pt., 10c; Pt., 15c; Qt., 30c; Gal., \$1.00; Pk., \$2.00.



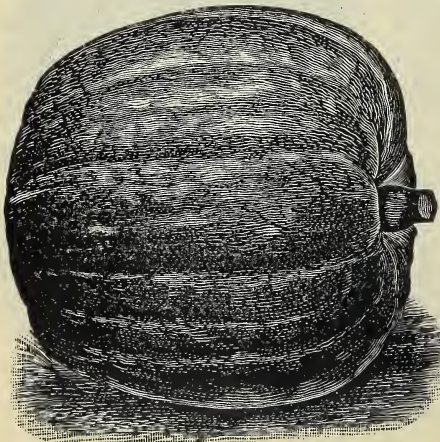
Second Early.



HOLLOW CROWN (Large Sugar)—The best and most widely cultivated variety. Grows long, smooth, tender and is very sugary. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 20c; Lb., 50c.
LONG WHITE—A smooth and very tender variety, well flavored. Also called Arlington Long Smooth. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 20c; Lb., 50c.

PUMPKIN (Kuebisz)

(By Parcel Post See Page 1.)
 One ounce will plant 20 hills. 1½ Lb. to an acre.



MAMMOTH KING or POTIRON—The best large pumpkin in use. Forms immense globular shape flattened a little at the end. Skin reddish yellow in color and flesh rich orange. This is unquestionably the very best mammoth pumpkin we have. It runs very uniform in shape and color and all are of immense size. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., \$1.00.

LARGE CHEESE—Shape flat; skin mottled light green and yellow, changing to a rich cream color. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 40c.

KENTUCKY FIELD—A large, round, slightly ribbed, soft shell, salmon-colored Pumpkin, that is very productive and excellent for stock. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 40c.

LARGE YELLOW FIELD—A good stock variety, planted chiefly among corn. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 40c.

SMALL SUGAR—Best for home use. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 75c.

JAPANESE PIE—Similar in size and form to the well-known Cushaw, but the skin is a deep green, with dark stripes, turning to a rich golden yellow. Flesh deep yellow of fine quality. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 30c; Lb., 90c.

TENNESSEE SWEET POTATO—A good variety for making pies and other cooking purposes. It is of medium size, of a white, creamy color, and has an excellent flavor; good keeper. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 50c.

PARSLEY (Petersille)

(By Parcel Post See Page 1.)

One ounce will sow 150 feet of drill.

EXTRA CURLED—The leaves are large, beautifully curled, and of a very dark green. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 50c.

PLAIN—Leaves are plain or single, and are very dark colored. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 50c.

HAMBURG (or Rooted Parsley)—Use for flavoring soup, etc. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 20c; Lb., 60c.

PEPPER (Pfeffer)

(Pkt., Oz., ¼ Lb., Delivered by Parcel Post in U. S.)

One ounce will produce about 2,000 plants.

CRIMSON KING—See page 10.

CHINESE GIANT—The largest and handsomest Pepper in the world, twice the size of its nearest rival. They grow to the enormous size of five to six inches across the top. The flesh is very mild and sweet and also very thick. Price: Pkt., 10c; ½ Oz., 20c; Oz., 40c; ¼ Lb., \$1.50.

RUBY KING—One of the standard Peppers, very large and of mild flavor. Bright ruby red color. Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; ¼ Lb., 75c.

BELL OR BULL NOSE—Early and of mild flavor. A favorite for pickling. Large, bright red, thick flesh. Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; ¼ Lb., 75c.

SWEET MOUNTAIN—Larger in size and milder in flavor than Bell or Bull Nose. Very productive. Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; ¼ Lb., 75c.

LONG RED CAYENNE—Of dwarf growth, bearing long, pungent pods. Very productive. An ideal home variety. Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; ¼ Lb., 75c.

RED CHILI—Smaller and later than Cayenne. Extensively used for pepper sauce. Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c.

RED CHERRY—The finest of the small, round varieties. Excellent for pickles, sauce, etc. Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c.

TABASCO—Is of tall, bushy-like growth three or four feet in height; produces an enormous number of small, slender and very hot fruit one inch in length. Vivid scarlet. Price: Pkt., 10c; ½ Oz., 25c; Oz., 45c.

PARSNIP

(By Parcel Post, See Page 1.)

One ounce will sow 100 feet of drill. Five to six pounds to the acre.



RADISH

(By Parcel Post, See Page 1.)

CULTURE—Sow seed as early in Spring as ground can be well cultivated, in drills, 10 to 12 inches apart; thin out to 1 inch apart for small, 2 to 4 inches for large varieties. Soil should be rich, light and well pulverized. Continue sowing every week or ten days for continuous crop. Quick growth insures good quality; they mature in from 18 days to 4 or 5 weeks, according to variety. One ounce to 100 feet of drill, 10 to 12 pounds per acre.

FIRE BALL—See Novelty, page 11.

EARLY SCARLET TURNIP—The famous small round red, Crisp, tender, solid and brittle. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 40c.

EARLY SCARLET TURNIP WHITE TIP—This excellent variety differs from the regular Early Scarlet Turnip W. T. Radish only in being more beautifully tipped with white. Very attractive. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 40c; 10 Lbs., \$3.75.

ST. L. S. CO.'S CRIMSON GIANT—The quickest growing small round Radish in existence; ready for the table in 22 days from sowing. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 20c; Lb., 60c.

PHILADELPHIA WHITE BOX—This famous white turnip-shaped or globe-shaped Radish is the foremost of its class. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 40c.

EARLY SCARLET GLOBE—It is entirely distinct and one of the earliest. In flavor it is mild, crisp to juicy and tender. It forms a small top and will stand a great amount of heat without becoming pithy. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 20c; Lb., 75c.

FRENCH BREAKFAST—Too well known to need any introduction. Scarlet with white tips. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 40c.

NEW WHITE PEARL FORCING RADISH—It is a most beautiful pearly white, of waxy appearance; very firm and solid. When properly grown in greenhouse or hotbed, this Radish has a smaller top than when grown in the open field. All things considered, we pronounce it the best general purpose white market Radish in existence; splendid for the home garden. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 75c.

ST. LOUIS WHITE SUMMER—It is not only the favorite white summer Radish in St. Louis and vicinity, but it is popular on the market everywhere. Skin and flesh pure, clear white, tender. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 50c.

ICICLE—Extra early, smooth, long, white. Derives its name from the transparent whiteness of its roots. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 40c.

LONG WHITE STRASSBURG—Oblong shaped, tapering gracefully to a point. Of large size, good quality and resists heat remarkably well. Very tender, and of a delightful, pungent taste. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 40c; 10 Lbs., \$3.50.

WHITE LADY FINGER (Long Vienna)—Of slender, graceful form and remarkably crisp, brittle and tender. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 40c.

WOOD'S EARLY FRAME—In shape half long; much used for forcing. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 40c.

CINCINNATI MARKET—This is an excellent Radish of the long variety, being of a beautiful brilliant scarlet color. It has an unusually small top. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 40c.

YELLOW SUMMER TURNIP—Stands the heat well; and can be sown late. A general favorite with market gardeners; globe-shaped. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 50c.

YELLOW OVAL SHAPED—A fine summer turnip-shaped variety; yellow in color, but white meat and tender. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 50c.



Early Scarlet Turnip White Tip.



Long White Strassburg.



Philadelphia White Box.

SEEDS BY PARCEL POST

We pay Postage on Packets, Oz., ¼ Lb., ½ Pt., in U. S., for pounds, pints, quarts, see Parcel Post rate. See Page 1.

RADISH—Continued

FALL AND WINTER VARIETIES

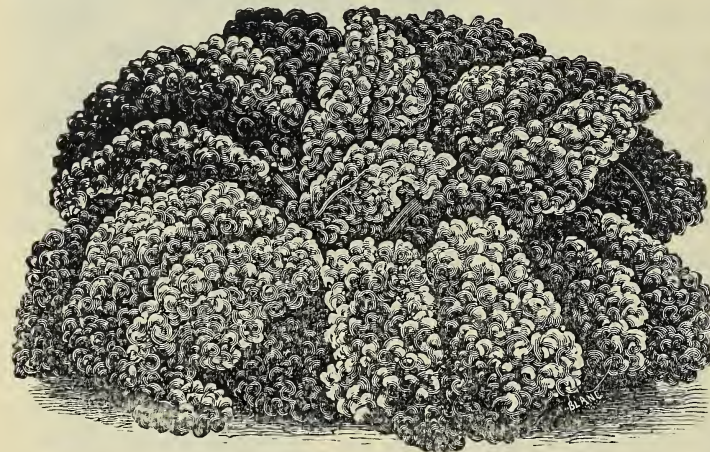
ROUND BLACK SPANISH—Grows to a large size; very solid. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 50c.

LONG BLACK SPANISH—One of the best for winter use. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 50c.

WHITE SPANISH—Very solid and tender. The best white Radish for late Fall Planting; largely used by our market gardeners. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 50c.

ROUND SCARLET CHINA—Root round, of a fine scarlet color. Extremely solid and a most excellent keeping variety. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 20c; Lb., 60c.

ROSE COLORED CHINA—Form conical; large size; firm and tender; of fine flavor. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 20c; Lb., 60c.



Bloomsdale Savoy.

ROUND THICK LEAF—Leaves round and almost smooth. Will stand extreme cold weather, as the leaves are thick and lie close to the ground. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 35c; 10 Lbs., \$2.50.

LONG SEASON CURLLED—Leaves large and fleshy. An excellent market sort. Good for either Spring or Fall sowing. Grown extensively now in the East. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 35c; 10 Lbs., \$2.50.

PRICKLY WINTER—A very hardy variety and will withstand severe weather better than any other sort. It is used largely for fall sowing. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 35c; 10 Lbs., \$2.50.

NEW ZEALAND—Makes a luxuriant growth all summer. In appearance entirely distinct from other Spinach. Its quality is very desirable and tender. Soak the seed in warm water before planting. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 20c; Lb., 50c.

SEEDS BY PARCEL POST

We pay Postage on Packets, Oz., ¼ Lb., ½ Pt., in U. S., for pounds, pints, quarts, see Parcel Post rate. See Page 1.

RHUBARB

(Rharbarber)

CULTURE—This plant is mostly propagated by division of the roots. The best time to set out the plants is early in the Spring, although it is sometimes done in Autumn.

EARLY LINNAEUS—The earliest and tenderest variety, fine for sauce, pies, etc. Grown largely by gardeners for early market. Price: Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 40c. \$1.00.

MYATT'S VICTORIA—Later than Linnaeus, but mammoth in size; also of a finer quality. Very juicy, tender and almost stringless. Price: Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 40c.

RHUBARB ROOTS—Strong roots. One year old. Price: Each, 5c; Doz., 50c; 50, \$2.00; 100, \$3.50. Two year old. Price: Each, 10c; Doz., \$1.00; 50, \$4.00; 100, \$7.50.

SPINACH

(Spinat)

(By Parcel Post, See Page 1.)
One ounce will sow 50 feet of drill.
Twenty to twenty-five pounds will sow an acre.

CULTURE—Spinach may be grown on any ordinary soil, and its cultivation is a very simple matter. It is grown both as a Spring and Summer crop.

BLOOMSDALE or SAVOY—The most popular variety with market gardeners. The leaves are wrinkled in the same manner as the Savoy Cabbage. A crop of this variety weighs much heavier than any other sort. It grows very quickly. Fine for Fall sowing. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 35c; 10 Lbs., \$2.50.

LONG STANDING—The best for Spring sowing. Stands a long time before shooting to seed. Large thick leaves, excellent for greens. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 35c; 10 Lbs., \$2.50.



Long Standing.

SQUASH (Speise Kuerbisz)

(By Parcel Post, See Page 1.)

One ounce of the small seeded varieties will plant 20 hills; 2 to 3 pounds an acre.

CULTURE—Do not plant until settled weather, as plants are very tender. Use same methods as for Cucumbers and Melons.

EARLY WHITE SCALLOP BUSH—A beautiful white Squash of light cream color, large size, flat. Elegant for home use. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 75c.

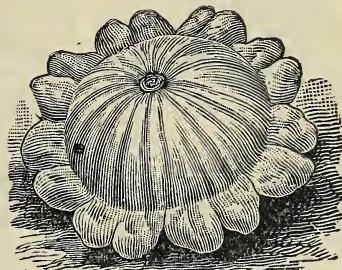
MAMMOTH WHITE SCALLOP BUSH—This handsome, large white variety is about twice the size of the Early White Scallop Bush, purer white color. In quality it is much superior to the above and is very early. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 75c.

YELLOW SUMMER CROOKNECK—This famous variety is an ideal baking sort as well as being enormously productive. It is of a bush form. Small crooked neck, with warts. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 75c.

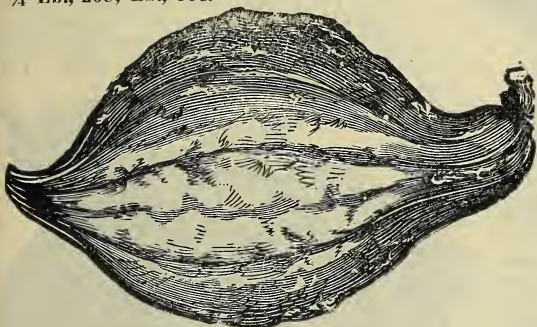
MAMMOTH CHILI—It is of the highest value as a stock food, far exceeding ordinary pumpkins in this respect. Has reached the enormous weight of 100 pounds. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 75c.

WINTER CROOKNECK—Skin green, mottled and striped like Cushaw Pumpkin. Long, solid neck. Dry and sweet. Fine keeper. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 20c; Lb., 60c.

HUBBARD—The leading Squash for Fall and Winter use. Flesh dark yellow, fine grained. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 20c; Lb., 50c.



Mammoth White Scallop Bush.



Hubbard Squash.

WARTED HUBBARD—This is similar in size and quality to the well-known Hubbard, while the large, dark, olive-green fruits are supposed to be slightly more heavily warted. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 20c; Lb., 60c.

VEGETABLE or ITALIAN MARROW—The very earliest of all the Squashes. Although usually eaten when quite small still it is good for the table when nearly full grown. The color is dark green at first, but changes to a lighter green as it matures. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 30c; Lb., \$1.00.

IMPROVED STRIPED CUSHAW—It is of a beautiful variegated coloring, producing stripes of a mottled effect. Very prolific and of medium size; an ideal baking variety. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 75c.

DELICIOUS—A very early winter variety of medium size. It varies somewhat in color and form, usually oval shaped with green, smooth skin, sometimes slightly mottled. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 75c.

TURNIP

One ounce will sow 200 feet of drill, one to two pounds for an acre.

CULTURE—For early, sow seed of flat varieties in open ground in spring, in drills one foot or more apart, using seed sparingly, thin to 3 or 4 inches apart. For succession sow every two weeks until June. For fall and winter sow in July and August. A good crop may often be grown by scattering seed thinly in the corn field at last cultivation.

EXTRA EARLY PURPLE TOP MILAN—Fully a week earlier than any variety. Flat and smooth; of medium size. Pure white flesh of choice quality. A good keeper. Fine table variety to grow either in Spring or Fall. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 75c.

PURPLE TOP WHITE GLOBE—This famous purple top turnip is very desirable for home gardens, and a favorite with market gardeners on account of its shape, size and beauty. Flesh pure white, with a red or purple top. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 30c; 10 Lbs., \$2.75.

PURPLE TOP FLAT STRAP LEAF—The standard variety. Pure white, except the purple outer skin above ground. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 35c; 10 Lbs., \$3.00.

WHITE GLOBE—The king of all mammoth white Turnips. Immense white, globe-shaped roots. Considering the size, it matures early. A very good autumn variety. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 40c.

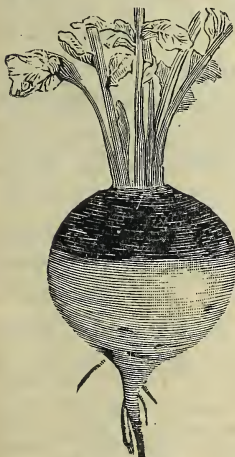
YELLOW OR AMBER GLOBE—Is the staple yellow Turnip, both for table and for feeding stock. Heavy cropper and keeps well. Flesh firm and sweet. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 40c.

WHITE EGG—A very quick growing Fall Turnip. Should be sown in August. Oval or egg shaped, flesh very firm and fine grained, flavor mild and sweet. A fine cooking variety. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 40c.

SEVEN TOP—Grown only for the tops, which are used for greens or salad in the South. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 40c.

RUTABAGA

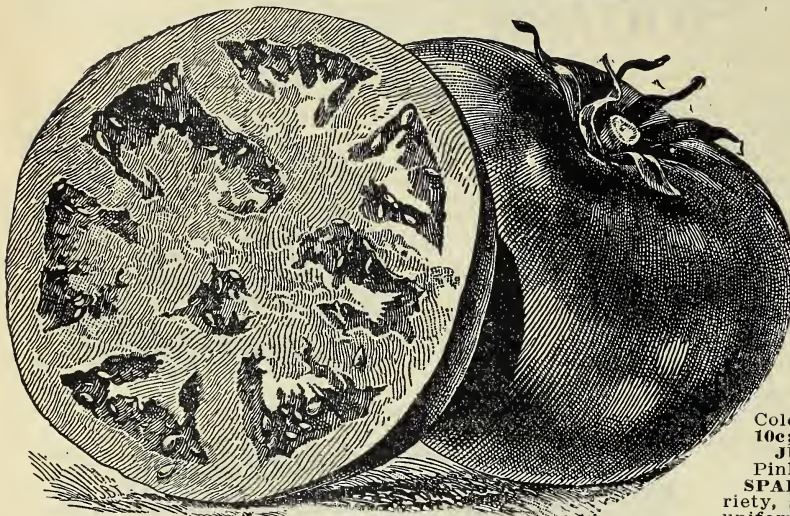
AMERICAN YELLOW PURPLE TOP—The most satisfactory variety of Rutabaga to grow for either family use or stock feeding. Is very hardy and productive. Flesh, yellow, solid and sweet. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 40c.



Purple Top White Globe.



Ex. Early Purple Top Milan



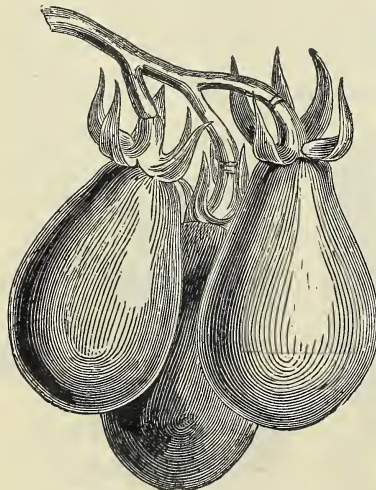
Livingston Globe.

LIVINGSTON GLOBE—Its form is of a globular shape, hence its name. Very solid, of a purple color, very deep from stem to blossom end. Very early; a good market sort; fine for packing in small baskets for market. Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; ¼ Lb., 75c; Lb., \$2.50.

DWARF CHAMPION—This famous Tomato is a favorite home garden variety. Its stiff, upright stocks are so sturdy as to hold the fruit well above the soil. It is earlier than large sorts. Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; ¼ Lb., 75c; Lb., \$2.50.

STONE—This celebrated Tomato is without exception the standard leading variety for canning, also for home use. The fruit is of large size, perfectly smooth, and of best quality. Its shape, color and quality adapt it to the fancy trade. Color, bright red. Price: Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 50c; Lb., \$1.50.

PONDEROSA—It is in every way splendid. It excels in magnificent size, often attaining a circumference of 18 inches; perfect in form; free from wrinkles and fissures; as smooth as glass and as solid and meaty as beef-steak, and almost seedless. It ripens thoroughly, its glowing crimson color permeating the flesh to the heart; it is free from rot, but, above all, the delicious quality and flavor are its crowning merits—toothsome and rich when sliced. Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; ¼ Lb., 75c; Lb., \$3.00.

Early
Detroit

MAGNUS—Flesh is very firm. It is a robust grower, setting its clusters closer together than other varieties. The fruits are usually very deep from stem to the blossom end. Price: Pkt., 5c; ½ Oz., 10c; Oz., 20c; ¼ Lb., 65c; Lb., \$2.00.

MAMMOTH LARGE RED—This famous variety is enormous both in size and yield, it being one of the largest smooth, round, red Tomatoes. Clear, bright red color. Flesh is thick and heavy. Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; ¼ Lb., 75c.

BUCKEYE STATE—A beautiful, large, smooth, round variety. It is an immense cropper, bearing its fruit in large clusters, often six to eight in a single cluster. Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; ¼ Lb., 75c.

GOLDEN BALL—A beautiful large, round, yellow sort. Very fine flavored. Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c.

HUSK, OR GROUND CHERRY—A favorite canning or preserving variety. Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c.

PEACH—Size, shape and color of a peach. Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c.

YELLOW PEAR—Excellent for "putting up." Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; ¼ Lb., 75c.

YELLOW PLUM—Popular small yellow for preserving. Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c.

RED CHERRY—Fruits small, about five-eighths of an inch in diameter, perfectly round and smooth. Fine for pickles and preserves. Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c.

RED PEAR—Used for preserves and to make "Tomato Figs." Fruits bright red, distinctly pear shaped and of excellent flavor. Our stock is the true pear shaped and not the larger red Plum Tomato often sold under this name. Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c.

TOMATOES

(Liebesapfel)

(All Seeds on this Page Postpaid.)
One ounce will produce about 2,000 plants.

(For Tomato Plants See Page 33)
ST. L. S. CO.'S IMPROVED WHITE'S EXCELSIOR—See Novelty, page 11.

EARLY DETROIT—The largest and best of the early purplish pink tomatoes. Vine vigorous and very productive. Fruits very smooth, uniform in size, nearly globe-shaped, firm, and of excellent quality. Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; ¼ Lb., 75c; Lb., \$3.00.

LIVINGSTON'S BEAUTY—This standard Tomato is well known. Grows in large clusters and retains its large size late in the season.

Color, "purple." Price: Pkt., 5c; ½ Oz., 10c; Oz., 20c; ¼ Lb., 60c; Lb., \$2.00.

JUNE PINK—The best Extra-Early Pink. Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c.

SPARKS EARLIANA—A very early variety, smooth, prolific, of good size; very uniform in shape; color bright scarlet, and of fine flavor. Price: Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 50c.



TOBACCO

DARK PLUG WRAPPER—BIG ORONOKA—A favorite Virginia variety. Grows very large, broad leaves. Price: Pkt., 5c; ½ Oz., 10c; Oz., 20c; ¼ Lb., 75c.

MISSOURI BROAD LEAF—A well-known standard sort; very large yielder, and ideal sort for home use. Price: Pkt., 5c; ½ Oz., 10c; Oz., 20c; ¼ Lb., 75c.

WHITE BURLEY—The standard main crop variety which produces one of the most fashionable types for manufacturing and cutting. Price: Pkt., 5c; ½ Oz., 15c; Oz., 30c; ¼ Lb., \$1.00.

HAVANA—The leading smoking variety. Commands a high price for cigar stock. Price: Pkt., 5c; ½ Oz., 15c; Oz., 30c; ¼ Lb., 90c.



Mo. Broad Leaf.

VEGETABLE PLANTS

Weight of Plant.

	1 Doz.	25	100
Cabbage	2lb	5lb	8lb
Egg Plant	1lb	1lb	3lb
Lettuce	1lb	1lb	4lb
Pepper	½ lb	1lb	8lb
Tomatoes	1lb	1lb	100
	Doz. 50	100	1000
	Prices.		
Celery, White Plume	.....	\$0.50	\$4.00
Golden Self Blanching	.....	.50	4.00
Egg Plant, Imp. Oval	.....	
Spineless	\$0.15	\$0.50	1.00
Kohl-Rabi	.25 for \$0.20	.30	.50
Cabbage, Ex. Ea. Jersey	.....	
Wakefield	.25 for \$0.20	.35	.55
All Season	.25 for .20	.35	.55
St. L. Late Market	.....	
25 for .20	.....	.35	.55
Cauliflower, Ea. Dwarf Erfurt	.15	.90	1.50
Ea. Snowball	.....	.15	.90
Chives, per clump, 10c	1.00	.....	.....
Lettuce	.25 for \$0.20	.30	.50
Peppermint, each 10c	1.00	.....	.....
Sweet Potatoes, Red, yellow and white, not less than 50	.....	.25	.40
Pepper, Bell or Bull Nose	.15	.50	1.00
Chinese Giant	.15	.50	1.00
Red Cayenne	.15	.50	1.00
Tomatoes, Ponderosa	.15	.50	1.00
White Excelsior	.15	.50	1.00
Dwarf Champion	.15	.50	1.00
Stone	.15	.50	1.00
Beauty	.15	.50	1.00

ASPARAGUS ROOTS

CULTURE—The demand for Asparagus as an early spring vegetable is becoming quite popular. An Asparagus bed intended for family use can be quickly established by the planting of roots which should be set out in the spring in rich soil. Dig a trench about 2 feet deep and 1½ feet wide, and fill in to about one foot from the surface with well-rotted manure. On this put about six inches of good garden soil and lay the roots 18 inches apart, then fill up, leaving the crown about 4 inches below the surface. Asparagus should not be cut until the second year.

	Doz.	50	100	1000
Columbian Mammoth	\$0.15	\$0.50	\$0.75	\$6.00
Palmetto	.15	.50	.75	6.00

RHUBARB ROOTS

WHEN only a few plants are required, we would suggest the purchase of roots instead of seed.

From our medium size or large clumps, Rhubarb stalks can be cut the following season. The growth of the plant is very rapid from these clumps. Transplant roots in Fall, or Spring, in highly manured soil, setting them 4 to 6 feet apart each way. Do not pull stalks until second year after transplanting roots.

	Doz.	50	100
3-year-old, each 10c	\$1.00	\$4.00	\$7.50
1-year-old, each, 5c	.50	2.00	3.50

HORSERADISH ROOTS—The soil should be very rich and well cultivated. Price: 25 for 20c; 100 for 60c; 1000 for \$4.50.

STRAWBERRY PLANTS

SUMMER VARIETIES

STRAWBERRIES—Will succeed in any soil adapted to ordinary farm garden crops; soil should be thoroughly prepared to a good depth, well drained and enriched. In field culture set the rows three feet apart, fifteen to eighteen inches in rows. For garden fifteen inches apart each way.

WARFIELD (Early)—Plant a vigorous grower, tough and hardy, and very productive. Fruit large, conical. Color dark glossy red; excellent flavor.

BUBACH (Medium)—Of large and uniform size, fine form and color, great vigor of plant and productive.

AROMA—Fruit very large, roundish, conical, rarely misshapen, glossy red, of excellent quality. One of the very best varieties.

Price of above 25 for 15c; 100 for 50c; 1000 for \$4.00.

EVERBEARING OR FALL VARIETIES

YOU can have strawberries just as easily in the fall as in the spring by planting the Americus, known as the fall-bearing varieties. They will produce heavy crops in the fall of as fine berries as any spring ripening strawberries.

AMERICUS—This is the most wonderful everbearing strawberry ever produced. A healthy and strong grower; very productive, from June until freezing weather; very drouth resistant; a better berry for a hot dry climate than any other variety. Size medium to large, very firm, uniform shape, bright red outside and inside. Has the native wild strawberry flavor. Succeeds well anywhere. Price: Doz., 75c; 100 for \$4.00.

—“IT PAYS TO PLANT THE BEST”—

FARM and FIELD SEEDS

MOST important to all who depend for their living on the products of the soil is selected seed, that not only will germinate, but is reliable. That is the kind we sell. Every seedtime the sales in this department show a large increase over the previous year. We number among our patrons some of the most well-to-do farmers in the country, several of whom annually entrust to us their entire orders for the seed grain as well as for the grass and clover seeds required for their acres. We have built up a large trade in improved varieties of farm seeds. If kind you wish to sow is not listed here, write us.

There's a reason for the confidence our customers have in the seed we supply—**Quality**. When this business was established, **Quality** was taken as the watchword. We furnish the best that can be had anywhere. Pedigreed seed comes higher than ordinary, but the value to the planter of high-grade stocks is vastly greater. Our seed grain is grown and specially prepared for planting purposes. It is carefully selected by experienced seedsmen, thoroughly cleaned, and handled only by careful employees, as a safeguard against errors in filling.

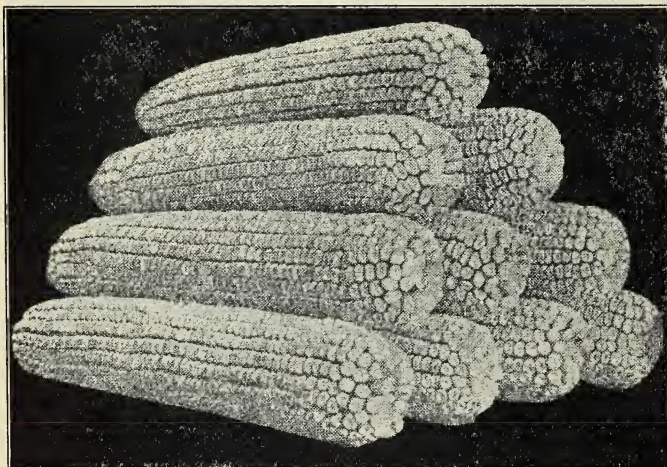
SELECTED SEED CORN

CORN is the most important crop with the majority of farmers who will read this catalog; consequently, we are devoting considerable space to the description of the different varieties we have to offer, but are listing only those that we consider to be the very best of their type. Our stocks are the product of carefully selected seedstock and of crops that have received every care necessary to the production of a grade of corn that can be recommended as strictly seedstock. We consider that we are listing these at very reasonable prices considering the high standard of quality which we know they represent.

REMEMBER—In Counting the Cost of Seed Corn—One bushel of corn will plant seven to eight acres! The cost per acre for our pure bred varieties is but 25 to 40 cents per acre! Only one bushel per acre increased yield more than pays all cost of seed. The commonest mongrel scrub corn costs you something. The corn we grow and sell you is not only selected seed, but is pure bred and has been carefully handled, dried and cured as seed corn should be, and will grow and give you a yield of 10 to 40 bushels per acre more than ordinary varieties.

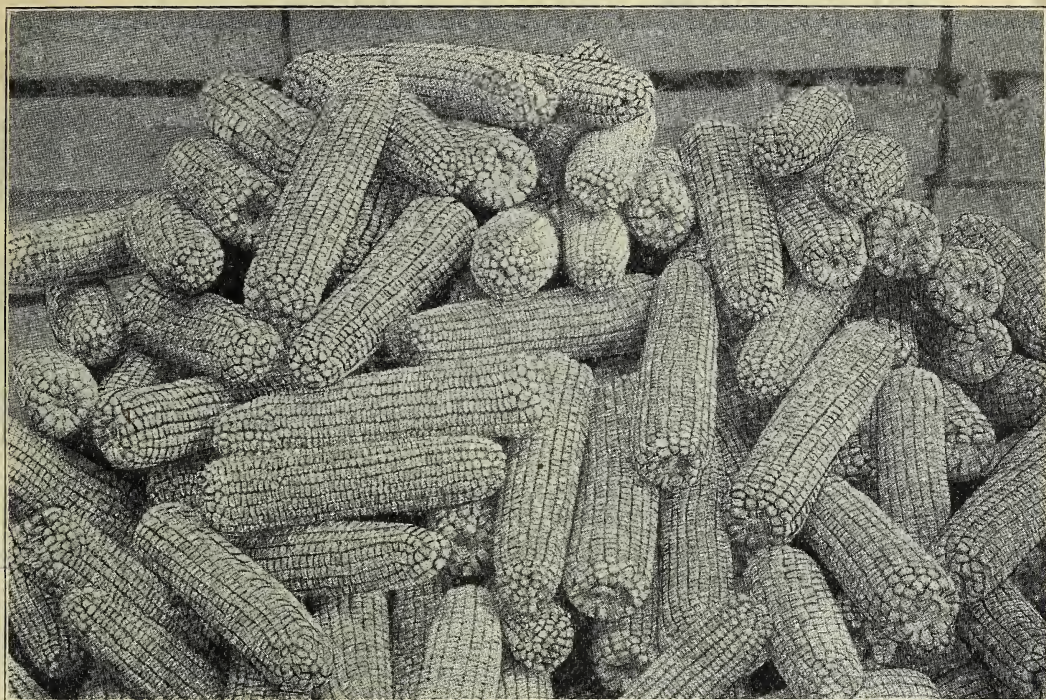
CHAMPION EARLY WHITE PEARL—The earliest snow white Dent Corn. Grown extensively by gardeners for roasting ears. It is an immense yielding variety, and very uniform in shape, size, etc. Hence its great market demand. The ears grow very large—the cob small. Price: Pk., 60c; $\frac{1}{2}$ Bu., \$1.00; Bu., \$1.75; 5 Bu., at \$1.70 per Bu.

PRIDE OF THE NORTH—This variety of early corn is a great favorite in the extreme northern states. It is a very pure, handsome Yellow Dent. The ears run from seven to nine inches long, with small cob and deep kernels; ears usually containing from fourteen to eighteen rows; will ripen and mature anywhere in ninety days; can be planted as late as June 25th, and make itself by September 10th. Good soil is capable of growing four to six stalks to the hill; many stalks have two ears and usually produce from forty to fifty bushels good, sound corn per acre. Price: Pk., 60c; $\frac{1}{2}$ Bu., \$1.00; Bu., \$1.75; 5 Bu., at \$1.70 per Bu.



Boone County White.

BOONE COUNTY WHITE—Is a highly bred variety of white corn of extra large size, containing a high percentage of oil. It is late maturing, but with good long seasons and favorable conditions, it is a splendid yielder. In many places it is a great favorite. The ears are from 9 to 12 inches long, $7\frac{1}{2}$ to $8\frac{1}{2}$ inches in circumference, containing 18 to 24 rows. The cob is medium large and pure white in color. The ears are quite uniform in size, shape and appearance. The kernels are pearl white, quite rough, very deep, with fine large germ. This variety grows a large stalk from 10 to 12 feet high with an abundance of foliage, and like other white varieties, is the best for old, thin or poor soil. With favorable seasons in localities where it has plenty of time to mature, it is particularly valuable; say the Southern half of Indiana, Illinois, Kansas, Missouri, and from there South to the Gulf Coast States. Matures fully in about 120 to 130 days. Our seed stock of this variety was grown from pure, genuine stock and can be relied upon to give the best possible results to be obtained from this variety. Price: Pk., 60c; $\frac{1}{2}$ Bu., \$1.10; Bu., \$2.00; 5 Bu., at \$1.90 per Bu.



White Star.

ST. L. S. CO. WHITE STAR

Maturing in 110 days.

THIS wonderful white dent corn is known, grown and more extensively planted than any White Corn ever introduced. It is adapted to a wide range of conditions and is a corn for the north, south, east and west and a variety that always, everywhere gladdens the farmer's heart and fills his cribs at harvest time; makes good where other sorts fail, and brings prosperity to the farmer who plants it. It is not only a new variety, but is one of the best known sorts. On account of its great popularity, yielding qualities and wonderful record it has made, and maintained everywhere.

The above illustration on this page is a very true picture, made from a photograph of this corn, showing its type and character. It, however is a large eared corn, running larger in size than Iowa Silver Mine, is pure bred and every stalk producing one and two, good ears, and this is where its large heavy yields come in. The stalks are large, strong and robust, growing to a height of 8 to 12 feet, dependent upon land, upland or bottom land, has a very heavy extensive root system and this is where its vitality to resist drought and parching hot weather comes in; Medium ears run from 10-11 and some 12 inches long and over, but usually about 10 inches, 16 to 20 rows, deep kernels, solidly set on white cob of medium size. In short, this corn was bred with an eye single to heavy yields and early maturity and not for show purposes, but all around general crop purposes. There is no variety that will do better or equal it on old, poor, up-land or hill ground, and at same time there is no variety grown that will yield more bushels of good sound corn on strong rich corn land. Briefly stated it is the embodiment of all the good qualities contained in all the best varieties, it's the sure thing. Our seed stock of this corn is exceptionally fine this year (extra choice) absolutely pure stock and we hope to be able to fill every order that comes to us, large or small. Price: Pk., 65c; ½ Bu., \$1.25; Bu., \$2.25; 5 bu. at \$2.00 per Bu.

JOHNSON COUNTY WHITE DENT

Maturing in 120 days.

THIS variety was developed and introduced by L. B. Clore and has had 22 years of careful painstaking and intelligent selection and breeding. The Corn has become famous for yield and quality.

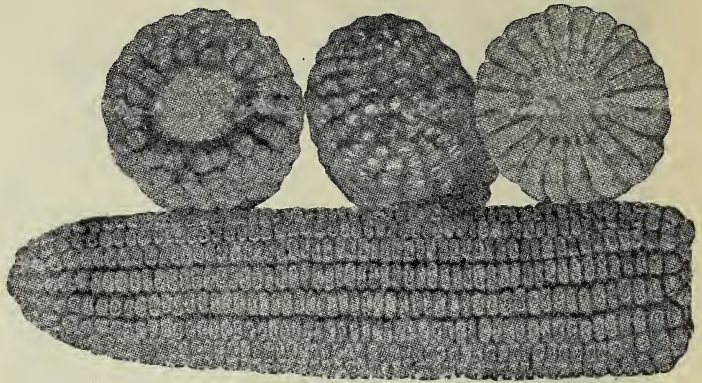
The shape of the ear is cylindrical to within about 2 inches of the tip, then slightly tapering. Tips fall well over the end and a large per cent. of the ears are entirely covered with grains; the butts are well rounded out with a medium-sized shank, kernels very uniform wedge shaped, pure white, and white cob; ears average about 10 inches in length with the circumference about three-fourths of the length.

Of strong and vigorous habit of growth and well covered with broad blades. The length of season is about 120 days. This corn has been successfully grown as far north as northern part of Iowa. We especially recommend it for the great corn-growing Mississippi Valley. Price: Pk., 60c; ½ Bu., \$1.10; Bu., \$2.00; 5 Bu., at \$1.90 per Bu.

SELECTED FIELD CORN—Continued

ST. L. S. CO'S GOLD BOND (100 days)—If any seed grain can truly be called pedigreed, the Gold Bond Field Corn is certainly entitled to be known as such, as its history dates many years back. It has been bred up and selected with painstaking care to what is at the present time one of the best varieties of yellow Corn grown. Ear medium in size, remarkably uniform, and of a bright yellow color, with solid, deep grain and small red cob. Has from 18 to 24 rows of kernels on the cob, 50 to 60 grains in the row, and is well filled over the ends, and especially the butt, leaving a small shank, which makes it a great favorite with huskers.

In some of the principal Corn growing states of the West, it has no equal, and reports from many other states are very flattering. Price: Pk., 60c; ½ Bu., \$1.10; Bu., \$2.00; 5 Bu., at \$1.90 per Bu.



St. L. S. Co's Gold Bond.

IOWA GOLD MINE CORN (100 days)—A Splendid Yellow Dent Variety—This corn is identical in appearance and habit of growth, in size of ear and earliness and in productiveness with the Iowa Silver Mine, and every one who has tried it is enthusiastic in praise of this splendid variety. It is early, ripening but a few days later than the Pride of the North. Ears are not excessively large, but of good size and symmetrical. Color, a bright golden yellow. Grain is very deep, cob small, and therefore dries out nearly as soon as it ripens. Price: Pk., 60c; ½ Bu., \$1.10; Bu., \$2.00; 5 Bu., at \$1.90 per Bu.

REID'S YELLOW DENT CORN—This is a splendid yellow dent variety with eighteen to twenty-four rows of kernels on an ear. The cob is small and grains are very close together so that there is scarcely any room between the rows. We do not recommend this corn for growing north of the forty-third parallel, but for Iowa, Nebraska, Kansas, Missouri, Illinois and other states in the same latitude, this is the corn to grow. Reid's Yellow Dent has been awarded more prizes at Corn Shows than any other variety.

The ears average from eight to eleven inches in length. The stalk is very heavy, and is not easily blown down. This corn will mature under favorable conditions in about 110 days. Price: Pk., 60c; ½ Bu., \$1.10; Bu., \$2.00; 5 Bu., at \$1.90 per Bu.

YELLOW CLARAGE (110 days)—The grandest new Yellow Corn on the market today. We pride ourselves as being the first to produce such a wonderful variety. It is a big yielder of fine large yellow ears. The grains are deep and the cob is small. If you are looking for a corn that will make you more money than you have ever seen or planted heretofore, here is the corn that will do it. Price: Pk., 60c; ½ Bu., \$1.10; Bu., \$2.00; 5 Bu., at \$1.90 per Bu.

IMPROVED LEAMING—This famous variety has probably made the corn growers throughout the United States more money than any other standard sort, in fact, it is one of the best general purpose varieties in use today. Classed as 100 to 110 days in ripening. Price: Pk., 60c; ½ Bu., \$1.10; Bu., \$2.00.

IOWA SILVER MINE (100 days)—It possesses many of the characteristics which have made the Iowa Gold Mine such a favorite, except in color—being a pure white, with deep grains and small cob. Stalks grow 8 to 10 feet in height and ears set well down toward the ground. Price: Pk., 50c; ½ Bu., 90c; Bu., \$1.75; 5 Bu., at \$1.70 per Bu.

SAINT CHARLES WHITE (120 days)—This excellent variety of white corn was originated in St. Charles County, Missouri, and is very popular with a large number of our customers. It is a very handsome pure variety of white corn set on a red cob, and the ears are usually 8 to 10 inches long, 16 to 18 rows of deep, broad kernels. The stalk grows from 10 to 12 feet high, dependent upon the land upon which it is planted, the lowlands and bottom producing the taller stalks; the stalks growing broad succulent blades, making it very desirable corn for general crop; for grain, fodder or for ensilage purposes. Our customers in the South, North, East and West are greatly in favor with this excellent variety of corn. Price: Pk., 50c; ½ Bu., 90c; Bu., \$1.75; 5 Bu., at \$1.70 per Bu.

POP CORN, MONARCH WHITE RICE—A superior quality of Pop Corn, very sweet, tender and white after being popped. Price: Lb., 10c; 10 Lbs., 75c.



Reid's Yellow Dent.

CLOVER SEED

(Field Seeds by Parcel Post See Page 1.)

Prices are Subject to Market Changes.

(60 Pounds Per Bushel.)

CLOVER can be sown in the Spring, from February to April in this locality, varying earlier or later according to other latitudes. Excellent results can also be obtained from sowing it on late snows, as with the melting of these the seed soaks into the earth about the right distance. The Summer and early Fall sowing of clover is also giving most satisfactory results, and a full crop can be cut the succeeding year when this is done.

ALFALFA CLOVER (Fancy)—The King of Forage Plants—Alfalfa is the corner-stone upon which is being built the prosperity of wide areas of our agricultural country—with its never-failing three and four crops of from five to six tons per acre; its great fattening qualities for horses, cattle, hogs, sheep and poultry, its drought-resisting qualities. After once being rooted, its perennity is more than two decades. When writing for sample, state quality of seed you wish to buy. 15 to 18 lbs., is usually sown to the acre. Price: Lb., 30c; 10 Lbs., \$2.50; Bu., \$13.00; 100 Lbs., \$21.00.

ALSIKE OR SWEDISH CLOVER—A very hardy variety that succeeds on any kind of soil and resists extremes of heat and drought. It is usually planted in mixtures with grasses for pasturage and for hay; especially with timothy. It is excellent for bees. Price: Lb., 25c; 10 Lbs., \$2.40; Bu., \$12.25; 100 Lbs., \$20.00.

RED CLOVER—This is regarded as the most valuable of the Clover family. It makes two crops each year. The first is usually cut when it is in blossom for hay; the last crop may be harvested for seed, cut for hay, or plowed under to add fertility to the soil. It may be sown either in the Spring or Fall, and if no other grasses are used, at the rate of from eight to twelve pounds to the acre, according to quality of seed used and condition of the soil. Clover adds greatly to the fertility of the land on which it is grown. It does not exhaust the soil, but enriches it. It pays always to buy the best grade of Clover seed which can be obtained. Our strictly "Fancy Re-cleaned" grade cannot be surpassed by anyone. Price: Lb., 25c; 10 Lbs., \$2.40; Bu., \$14.00; 100 Lbs., \$23.00.

MAMMOTH CLOVER (Sapling)—Grows much taller and heavier than common Red Clover. Produces an enormous yield and is of high feeding quality. Price: Fancy re-cleaned, Lb., 25c; 10 Lbs., \$2.40; Bu., \$14.00; 100 Lbs., \$23.00.

CRIMSON CLOVER (Scarlet Clover)—This is a highly valuable variety on account of its wonderful quick growth. Sown early in Spring it furnishes a large crop of hay in May or June. It may be sown in mid-summer or early Fall as a catch crop for fine Winter pasturage and for early Spring, before other grasses or clovers are ready. For hay, it must be cut before coming into full bloom. Price: Lb., 20c; 10 Lbs., \$1.50; Bu., \$6.25; 100 Lbs., \$10.00.

JAPAN CLOVER (Lespezedea)—A low spreading perennial, very valuable for dry sandy land. Price: Lb., 45c; 10 Lbs., \$3.50; 100 Lbs., \$32.00.

WHITE CLOVER—A small, creeping, perennial variety, valuable for pasturage and lawns; its flowers are well liked by bees. Flourishes in a variety of soils, but prefers moist ground. Price: Lb., 60c; 10 Lbs., \$5.50; 100 Lbs., \$55.00.

COW PEAS

WHIPPOORWILL—The favorite early bunch-growing variety; has brown speckled seeds. Price: Pk., 75c; Bu., \$2.50.

CLAY—This is one of the best peas for our Southern country, being a vigorous grower and an abundant bearer, very moist, giving proper nourishment to the soil. Begins to bear about two months after being planted. Price: Pk., 75c; Bu., \$2.75.

NEW ERA—The famous standard variety, grown extensively everywhere. Price: Pk., 75c; Bu., \$2.50.

WHITE CROWDER OR FORTY DAY—These are largely used in the Southern States for early Peas.



Crimson Clover.

SWEET CLOVER

SWEET clover grows in all parts of the United States; it possesses a wider adaptability in regard to soil and climate than any other clover or alfalfa. It thrives on the poorest, sandy soil and on dry hill sides, where no other clover will grow; in the west, where irrigation forced the alkali to the surface with the result that it has killed all vegetation except some saltweeds, sweet clover is the only plant that will grow and make a good yield. It will endure more drought than alfalfa.

SWEET CLOVER (White Blossom)—It is a biennial leguminous plant, tall, somewhat like coarse alfalfa, growing 8 to 10 feet high. Its blossoms, which rarely appear until the second year, are white and give a strong smell of honey. If not allowed to reseed, it will die out the second year. Price: Lb., 25c; 10 Lbs., \$2.40; Bu., \$12.50; 100 Lbs., \$20.50.

SWEET CLOVER (Yellow Blossom)—Especially adapted to bees, the honey from it being as clear as a crystal. It is also recommended as a fertilizer. Price: Lb., 25c; 10 Lbs., \$2.50.

CANADA FIELD PEAS

QITE distinct from Cow Peas, yet similar in valuable properties, as fertilizer, food, etc. Price: 10 Lbs., 75c; Bu., \$4.50.

They grow upright, bushy, and under ordinary conditions do not need support; very prolific and grow larger than ordinary Cow or Field Peas; very compact in pods; peas are flattened from being so close in pods. Price: Qt., 25c; Gal., \$1.00; Bu., \$6.00.

LADY—These are small, round and pure white, and are generally planted between corn. A delicate vegetable. Price: Qt., 25c; Gal., \$1.00; Bu., \$6.00.

MIXED—We always have a supply of mixed varieties; usually a little lower in price because of this and equally valuable for soiling. Price: Pk., 75c; Bu., \$2.50.



CANE

(50 Lbs. per Bushel.)

EARLY AMBER—Farmers and stockmen say that Early Amber Cane is the most valuable fodder plant in existence. Not only is it adapted for feeding purposes, but its great qualities as a Sorghum producer is one of a paying investment, and has attracted general attention everywhere. Price: Lb., 5c; 10 Lbs., 40c; 25 Lbs., 75c; 100 Lbs., \$2.75.

EARLY ORANGE—A variety well adapted for the South. It is from eight to ten days later than the Early Amber. Price: Lb., 5c; 10 Lbs., 40c; 25 Lbs., 75c; 100 Lbs., \$2.75.

KAFFIR CORN

ONE of the finest fodder plants, yielding two crops each season. Stalks grow to a height of five or six feet, each bearing numerous wide leaves. It is a wonderful yielder and one of the most profitable crops grown.

WHITE VARIETY—Price: Lb., 5c; 10 Lbs., 35c; 25 Lbs., 75c; 100 Lbs., \$2.25.

MILO MAIZE

GREATEST producer of forage of the best quality. Grows 8 to 12 feet tall, stooling heavily, and can be cut 3 or 4 times during a season. Cut at any stage of growth. Seed heads immense and can furnish a grain crop equal in feeding value to corn. Plant 10 pounds per acre in drills. Immense yield will surprise you. Price: Lb., 5c; 10 Lbs., 50c; 25 Lbs., 75c; 100 Lbs., \$2.40.

FETERITA

A WONDERFUL new grain which has attracted considerable favorable attention in Kansas, Missouri and Oklahoma. It belongs to the Sorghum family. It was introduced from Africa by the United States Department of Agriculture. The advantages claimed for Feterita are its drought resisting qualities, its heavy yield, its earliness, its stooling propensities and its freedom from insect pests. Feterita successfully withstood dry weather in Kansas and nearby states during 1913, and yielded under these unfavorable conditions, 35 bushels per acre and more. Under proper conditions, it will yield 60 to 75 bushels to the acre. It branches very freely from the roots, making from three to eighteen heads from a single stool. It is from two to three weeks earlier than Kaffir Corn, and should successfully mature in the North. Price: Lb., 10c; 10 Lbs., 90c; 25 Lbs., \$2.00; 100 Lbs., \$6.00.

FARM SEEDS

Prices Subject to Market Changes.
(Field Seed by Parcel Post See Page 1.)

BUCKWHEAT

(52 Lbs. per Bushel.)

JAPANESE—About a week earlier than Silver Hull and yields more. It is much more productive than any other, succeeds well. The straw is heavier and it branches more. Best for bees. Price: Pk., 50c; Bu., \$1.75.

SILVER HULL—Very good popular variety. Price: Pk., 50c; Bu., \$1.75.

SOY BEANS

HAVE been grown successfully in all sections of this country, and by many farmers are preferred to Cow Peas, both for their larger yield of beans, and the fact that they are easier to gather.

Comparatively few farmers in this section have had experience with Soy Beans, though nearly all of them have used Cow Peas. Price: Pk., 75c; Bu., \$2.50.

BROOM CORN

STANDARD EVERGREEN—Grows about eight to ten feet high, stands up well and is entirely free from crooked brush. The fibre is long and fine. It will not get red in the field before it is cut, but is strictly a green variety of brush. Price: Lb., 10c; 10 Lbs., 60c.

DWARF ESSEX RAPE

THE demand for Dwarf Essex Rape is becoming so great that it is increasing many fold each year. It is easily grown everywhere and it always gives the best satisfaction. As a forage plant for hogs, cattle or sheep it can not be surpassed. There is but one true variety, and that is Dwarf Essex, and we offer you the true stock. Price: Lb., 10c; 10 Lbs., 90c; 25 Lbs., \$1.85; 100 Lbs., \$7.00.

FLAX

(56 Pounds per Bushel.)

IS ONE of the most productive and profitable crops, and will yield you many fold the returns from numerous other crops. Price: Lb., 10c; 10 Lbs., 80c.

PEANUTS

YIELD largely and are a paying crop. Planted in April, they ripen in August, and planted as late as July 1st, they will mature full crops before frost.

WHITE—Price: Lb., 15c; 10 Lbs., \$1.25.

SUNFLOWER

MAMMOTH RUSSIAN—Sunflower Seeds are superior for poultry (said to improve the meat). Price: Lb., 10c; 25 Lbs., \$1.75; 100 Lbs., \$6.00.

VELVET BEAN

USED largely as a green-manure plant and also for forage. Grows taller and larger than any other soil plant, being sometimes 30 feet in length. Sow same as Cow Peas, in rows five feet apart and in hills four feet apart in the row. Price: Lb., 15c; 10 Lbs., \$1.10; Bu. 60 Lbs., \$4.00.

VETCH

WINTER OR HAIRY VETCH—Should be sown during August and September; mixed with Rye, it serves as a support for the plants, or in Spring with oats or barley. It is the earliest crop for cutting. Price: Lb., 20c; 10 Lbs., \$1.90; 25 Lbs., \$4.50; 100 Lbs., \$18.00.

WILD RICE

VALUABLE as a forage plant for swamps and inundated lands, but chiefly as an attraction for wild fowl, ducks, geese, etc. Sown in water which is from 6 inches to 5 feet deep, with soft mud bottom. Sow in Fall, as seed must be sown before it becomes dry. We make shipments in September only, in damp form. Price: Lb., 40c; 10 Lbs., \$3.50; 25 Lbs., \$8.00; 100 Lbs., \$30.00.

FARM SEEDS

Prices Subject to Market Changes.
(Field Seed by Parcel Post Seed Page 1.

BARLEY

(48 Lbs. per Bushel.)

SUCCESS BEARDLESS BARLEY—Earliest variety in existence; is a heavy yielder. Price: Lb., 10c; Pk., 50c; Bu., \$1.50.

SPRING BARLEY—A close second to the famous Beardless Barley. Price: Lb., 10c; Pk., 50c; Bu., \$1.50.

RYE

CHOICE—(56 Lbs. per Bu.)—If sown early in the Spring it makes an early and abundant pasture. Price: Pk., 40c; Bu., \$1.40.

SPELTZ OR EMMER

(40 Lbs. per Bushel.)

Sow 70 to 80 pounds per acre.

A grain for dry lands introduced from Russia. This is a remarkable grain, and should receive the attention of all farmers. It is a species of drouth resisting Barley, and not inclined to rust. It will produce a fair crop under almost any condition of climate, but grows best in dry prairie regions with hot summers, giving excellent results. All animals eat it greedily and are fond of the straw. Price: Pk., 40c; Bu., \$1.40.

MILLETS

(40 Lbs. per Bushel.)

HUNGARIAN—Commonly called Hungarian Grass. A quick growing, valuable forage plant. May be sown at any time during the Summer up to the middle of August. Price: Lb., 5c; 10 Lbs., 40c; Bu., \$1.60; 100 Lbs., \$3.00.

SIBERIAN—More productive than the German or Golden and of superior quality. Is superseding all other varieties in some sections. Price: Lb., 5c; 10 Lbs., 40c; Bu., \$1.60; 100 Lbs., \$3.00.

GERMAN OR GOLDEN—It is a strong grower and will yield enormous crops of the finest hay, and should be cut before the seeds will harden. For hay, sow from May to August 1st. For grain, sow in drills not later than June 20th. Fancy—Price: Lb., 5c; 10 Lbs., 50c; Bu., \$1.75; 100 Lbs., \$3.25.

PEARL OR CATTAIL MILLET

Makes a splendid continuous cutting forage plant for either green feed or hay. It will grow ten to twelve feet high, but cutting can commence when it has attained a height of three to four feet, when it will stool out enormously and make a rapid growth, and it can be cut this way three or four times in a season. Price: Lb., 25c; 10 Lbs., \$1.75.

TEOSINTE

A valuable continuous cutting forage plant for Southern and Southwestern states, furnishing a most nutritious food green or dry for horses and cattle. It resembles Indian Corn, the leaves being larger and the sap sweeter. Sow in May in drills $3\frac{1}{2}$ to 4 feet apart; 2 to 3 pounds per acre. Price: Lb., 50c; 5 Lbs., \$2.10.

SEED OATS

IT Costs Less to Grow Good Oats than Poor Ones.

EARLY WHITE CHAMPION—This is a well-known and popular variety throughout the central states and northwest. It ripens early and yields abundant crop. It is a large, white oat, free from black kernels. In comparison with other sorts, one close observer has stated, "It has the plumpest kernel of any variety." The straw is of medium length and of a quality that stands up well on almost any kind of soil. We have a bright, heavy stock to offer, which we would be pleased to sample to you. Price: Bu., 90c; 10 Bu., 80c per Bu.

SILVER MINE OATS—The heads are very large in proportion to its stiff, bright, clean straw. The sprangle top heads, although long, are borne low down on the stalk, which seems to prevent lodging. The straw is valuable for feed and for bedding. As a rule, oats yield a greater profit an acre than wheat, and they are also a more reliable crop. Price: Bu., 90c; 10 Bu., 80c per Bu.

TRUE BLACK—They are preferred by those who have had experience with them principally on account of their superior yielding qualities, but besides being fully equal, if not better than white oats in point of feeding qualities, they possess another very valuable characteristic in the unequalled stiffness and strength of straw. Price: Bu., 95c; 10 Bu., 90c per Bu.

TEXAS RUSTPROOF—The Ideal Rust Proof variety, grown extensively throughout the South, an immense yielder, a sure crop per. Price: Bu., 90c; 10 Bu., 85c; per Bu.

WINTER TURF OATS—Sow in October or early November, make a good growth before Winter sets in, and can be relied upon to furnish the finest of green pasture all Winter through and a good crop of grain the next Spring. Price: Bu., 90c; 10 Bu., at 85c per Bu.



FARM SEEDS—Continued

Prices Subject to Market Changes.

(Field Seed by Parcel Post, See Page 1.)

ST. L. S. CO. SEED WHEAT

WE MAKE a great specialty of the choicest kinds of Seed Wheat. The stocks are grown for us on contract in our neighborhood, and thus we are enabled to observe the characteristics of the different varieties, and ascertain their bad qualities as well as their good ones. We beg to assure our customers that we do not recommend any sort unless we have the best reasons for doing so. As

soon as the seed is received from our growers, it is at once carefully cleaned. Hence it reaches our customers in perfect condition for sowing, both as to uniformity of size, freedom from imperfect kernels, and will not only drill evenly, but germinate uniformly and give a perfect stand. This goes a great ways in guarding against winter killing.

There is no more important or profitable crop to the farmer than winter wheat, and if the farmers and wheat growers would give more careful attention to varieties and quality of seed they sow, as well as the preparation of their soil, they would find winter wheat growing the leading money crop of the farm. Those who now obtain but ten, fifteen and sometimes twenty-five bushels per acre would find it most profitable and remunerative if they would make a change to some hardy variety, adopted to the changes and rigor of cold, dry weather in the winter, they would find it easier to grow thirty, forty and fifty bushels per acre from good strong varieties of winter wheat, than it is to grow ten, fifteen and twenty bushels, and thus double and treble their profits.

FULTZ'S MEDITERRANEAN—This is the best Blue Stem Wheat of which we have knowledge. It has given an average yield for the last 13 years, through favorable and unfavorable seasons, of 36 bushels an acre. As the wheat ripens, the stem and straw assume a beautiful golden-yellow hue, and entirely free from rust. This variety has no beards and is especially adapted to the older wheat-growing sections of the Northwest. The kernel is of the hard variety; very productive. **Price: Bu., \$1.65; 10 Bu., \$1.60 per Bu.**

NEW PROSPERITY—Its mammoth record yield of 45 bushels per acre famed it as the world's leader. Our New Prosperity is a smooth, strong healthy wheat and is seldom troubled with insects that affect other wheats. The straw is very long with big, full solid heads. In fact, it is the wheat that will make any man dollars. **Price: Bu., \$1.65; 10 Bu., \$1.60 per Bu.**

FULCASTER—It is a bearded variety; the kernels are red with a very thin husk, are hard and flinty and very rich in gluten. It is stiff-strawed and will stand up in wind and rain which would lodge other varieties very badly. **Price: Bu., \$1.65; 10 Bu., \$1.60 per Bu.**

RED MAY—A good variety for this country: It is about a week earlier than the standard varieties. It is a heavy yielder, and has a golden yellow color. Some fields of this variety averaged 34 bushels to the acre last season.

An exceedingly hardy variety, highly recommended by the government Experiment Stations. It is very prolific and does well on upland or second bottom lands. Straw rather short but stiff, carrying good, square, well filled heads. **Price: Bu., \$1.65; 10 Bu., \$1.60 per Bu.**



New Prosperity.



Fultz's
Mediterranean.

FARM SEEDS—Continued

Prices below do not include postage. Add postal charges at zone rates to your postoffice. These prices fluctuate and are not guaranteed. Write for current prices.



Orchard Grass.

GRASS SEED

FOR LAWN GRASS—See pages 44 and 45.
TIMOTHY—(45 Lbs. per Bu.)—The best of all grasses for hay. It should be cut when in blossom, in June or July. It is preferable to sow in the Fall, but we sell almost as much seed in the early Spring, and it is frequently sown then with equal success. Price: Fancy, 1 Lb., 15c; 10 Lbs., \$1.25; Bu., \$4.50; 100 Lbs., \$9.50.

RED TOP—A very hardy perennial grass, succeeding best on moist land. It accommodates itself to a variety of soils, however, even to quite dry situations, and stands our hot climate admirably. Fancy or solid seed. Price: Lb., 25c; 10 Lbs., \$2.25; 100 Lbs., \$17.00.

ENGLISH PERENNIAL RYE GRASS—(20 Lbs. per Bu.)—It is invaluable for perennial pastures, for hay if cut when in blossom. Price: Lb., 15c; Bu. (20 Lbs.), \$2.00; 100 Lbs., \$8.00.

BERMUDA GRASS—Used extensively in the South for lawns, where other lawn grasses cannot be successfully grown. Sow seed in the Spring. Price: Lb., 50c; 10 Lbs., \$4.50.

CANADIAN BLUE GRASS (*Poa Compressa*)—Also called flat-stemmed poa. Flat-stalked Meadow Grass; distinctly blue in color. Grows a foot or more high and yields a great weight of hay. Highly recommended for horses, cows and sheep. Thrives well on clay. Price: Lb., 15c; 7 Lbs., (½ Bu.), 85c; Bu. (14 Lbs.), \$1.70.

ORCHARD GRASS (*Rough Cock's Foot*)—(14 Lbs. per Bu.)—A rather coarse perennial grass that forms dense tufts. Flourishes best in the shade. Price: Lb., 20c; Bu., \$2.75; 100 Lbs., \$18.00.

CRESTED DOGSTAIL—A hardy grass forming a smooth, compact and lasting turf. Price: Lb., 35c; 10 Lbs., \$3.00.

RED FESCUE—For meadows or pastures on dry, hard or sandy soils. It is very hardy. Price: Lb., 30c; 10 Lbs., \$2.75.



Timothy.

HARD FESCUE—Smaller and less vigorous growth than Sheep's Fescue. It suits sandy or dry hilly soils. Price: Lb., 30c; 10 Lbs., \$2.50.

SHEEP'S FESCUE—Fescues are being appreciated wherever introduced. This variety deserves a place in the stock pastures. Price: Lb., 25c; 10 Lbs., \$2.25.

WOOD MEADOW GRASS (*Poa nemoralis*)—This grass is now classed among our good "shaped pasture grasses." It is splendidly adapted for moist shady places. Price: Lb., 40c; 10 Lbs., \$3.50.

MEADOW FESCUE (*Festuca pratensis*)—One of the best grasses for permanent pastures; yields an abundance of fodder of great nutritive value. Much liked by all kinds of stock. Price: Lb., 20c; 10 Lbs., \$1.50; 100 Lbs., \$12.00.

SUDAN GRASS SEED

SUDAN is probably the wild original form of the cultivated sorghums. It is a tall annual grass, growing under favorable conditions to a height of 6 to 10 ft., but when broadcasted thickly, it grows from 3 to 5 feet. The stems are fine, the largest stalks seldom larger than a lead pencil. Where the plants are scattered they stool abundantly, as many as 100 stalks coming from a single root. The stems are leafy, erect, and seldom lodging. The grass cures easily, making hay of excellent quality, which is readily eaten by all kinds of livestock. It is considerably earlier than the earliest Amber Sorghum, and will probably mature as far north as the Canadian line.

GROWING THE CROP—It may be grown either drilled, in cultivated rows, or broadcasted. If planted in cultivated rows, the rows should be as close as possible, and yet permit of easy cultivation. In thirty-inch rows, two to three pounds of seed per acre is ample; and, under conditions of very low rainfall, this method is recommended. Under humid conditions, 18-inch rows are preferable, and 5 pounds of seed per acre are sufficient. For drilling or broadcasted, 5 to 6 pounds of seed per acre, depending on rainfall, should be used. The seed should not be sown until the ground is warm, that is, about the time for planting corn. The young plant will withstand slight frosts without injury.

HARVESTING THE CROP—The hay is recommended that in growing for seed headed, an early cutting is especially advisable where two or more cuttings per season are expected. The grass can be cut with a mower, but more conveniently with a binder, especially in dry regions, as the hay cures very rapidly in bundles. Price: Lb., 20c; 10 Lbs., \$1.50; 50 Lbs., \$6.00.

PERMANENT PASTURE MIXTURES

FOR EVERY different kind and condition of soil there are a large number of grasses which are especially suitable. Some sorts do best on high ground and in dry weather; others prefer plenty of moisture. Some mature so early and others so late that from the beginning of Spring until Winter sets in there is no time when one species or another is not at its best. From these considerations, the importance of sowing many varieties for pasture and meadow purposes will be apparent.

PASTURE MIXTURE "A"—Good Moist Soils. Sow 25 pounds per acre. This is intended for the average soil. Use more seed where land is dryer. If stock does not keep down to six or ten inches use the mower to do so. Do not pasture too closely. This is well suited for "patching" your present pasture by disked or harrowing in. Price: Lb., 20c; 10 Lbs., \$1.75; 100 Lbs., \$15.00.

PASTURE MIXTURE "B"—Dry, Hilly Uplands. Sow fifteen to twenty pounds per acre. Recommended for rolling ground, or where stones or sand

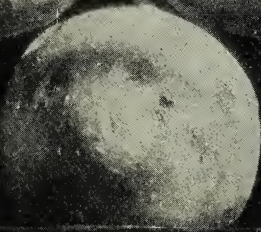
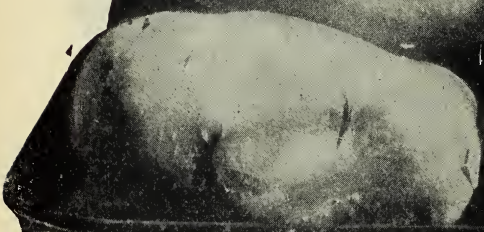
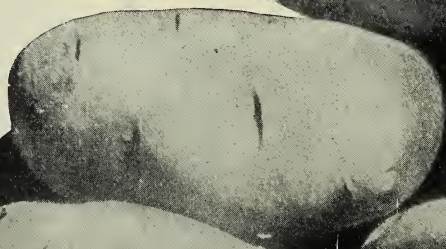
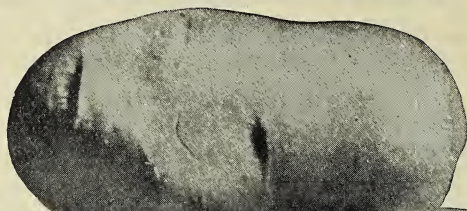
in soil demand drought-resisting varieties. Plow or disk in where possible, and on unplowed, stumpy or stony ground brush thoroughly. Price: Lb., 20c; 10 Lbs., \$1.75; 100 Lbs., \$15.00.

PASTURE MIXTURE "C"—Shaded Pastures. Sow 25 to 30 pounds per acre. This is especially planned to suit the woods, which is often waste except for its timber. Get the seed on and into the ground; do not leave on top of the leaves. The more open use the more seed. Price: Lb., 25c; 10 Lbs., \$2.00; 100 Lbs., \$17.00.

NORTHERN GROWN SEED POTATOES

Prices are Subject
to Market Change

It Pays
to Plant the Best



EARLY "DIX"

SEED POTATOES

CULTURE—Any good well-drained fibrous loam will produce Potatoes under right climatic conditions. For early Potatoes, which mature in 8 to 10 weeks from planting, the soil must be particularly rich. A rich clover sod, manured and broken the year before and planted to corn, beans, peas, etc., is in best shape for giving a good yield of nice clean Potatoes. Stable manure had better be applied to the land the year before, while some good complete fertilizer, at the rate of up to 1000 pounds per acre if applied broadcast, or 400 to 600 pounds if applied mostly in the rows, may be used directly for the Potato crop. Open furrows 3 feet apart and 3 to 4 inches deep. Then plant good-sized pieces, each containing not less than 2 or 3 eyes, 15 inches apart in the furrows for early Potatoes, and 18 inches apart for late ones. In some of the large Potato sections the Potatoes are always planted in check rows 3 feet apart each way. Cover with coverer, small plow or other suitable tool. Cultivate often. Spray with Arsenate of Lead Mixture as a protection from flea beetle, potato beetle and blight. 8 to 10 bushels will plant an acre.

EARLY "DIX" POTATO

THE Pride of the Red River Valley." We offer it to you now as "The Earliest Potato Grown." We are ready to stake our reputation that you will say so, too, when you have tried it. It is of the most uniform growth ever known. It is earlier than the famous Early Ohio. It is better as a yielder, and has no yellow or black core. Its tops are of an upright growth, bush form. Its skin is of a light red-pinkish color; its eyes are very shallow, and many; its dry and mealy nature is supreme. Price: ½ Pk., 25c; Pk., 50c; Bu., \$1.75.

IRISH COBBLER

A FINE EARLY WHITE POTATO

THIS has become one of the general favorites in all localities for early as well as late planting. When it was first sent out it was not claimed to be particularly early, but extensive growing in this locality proves that it is fully as early as the Early Rose. The tubers are round in shape, eyes somewhat deep, and tubers of both fine appearance and quality. Price: ½ Pk., 25c; Pk., 40c; Bu., \$1.40.

EARLY OHIO

NORTHERN-GROWN in the Red River Valley. Much need not be said of this great potato. Among the standard early varieties it undoubtedly stands at the head of the list. An excellent keeper for such an early variety. Price: Pk., 40c; Bu., \$1.40; 10 Bu., at \$1.30.

BLISS' RED TRIUMPH

EXTREMELY prolific and a full week in advance of Early Rose. Color, a beautiful light red. Size, medium. Growth, very uniform. Shape, nearly round. The flesh is white; very mealy when cooked. This potato is in exceedingly high favor with Southern market gardeners and truckers, and is shipped to the Northern markets. Price: Pk., 50c; Bu., \$1.50.

EARLY ROSE

NO INTRODUCTION is necessary for this standard productive variety. For earliness, goodness of quality and a No. 1 market sort, it stands in the top rank. Price: Pk., 40c; Bu., \$1.25.

SEED POTATOES—Continued

PRICES ARE SUBJECT TO CHANGE ON ALL POTATOES.

BIG BUSTER

THE finest late potato in existence. Its make-up is of the most handsome type and as a main crop it will prove itself supreme. It is of large size, white skin, eyes shallow, very white inside, dry and mealy. Its yielding qualities are far ahead of any on the market today. Why people will plant old, worn-out varieties, when they can get such new ones as these, is a mystery to us. We have only a limited supply this season. Price: ½ Pk., 25c; Pk., 50c; Bu., \$1.50.

CARMAN No. 3

ONE of the most popular of the Carman group of potatoes. A white, flat variety, which sets its tubers very close to the top of the soil, thus giving good yields in clay soil where other varieties fail. This characteristic applies also to Rural New Yorker. Carman No. 3 grows to the largest size of these sorts. Our seed has been very carefully selected and given the best soil for a number of years. Price: Pk., 40c; Bu., \$1.40; 10 Bu., \$1.25 per Bu.

RURAL NEW YORKER

THE standard white market potato. It is very large, usually smooth, oblong inclining to round, and rather flattened. Skin and flesh white; quality excellent; season intermediate. Tubers of great uniformity in size; almost every one marketable. Known everywhere as "Dusty" Rural. Price: Pk., 40c; Bu., \$1.40; 10 Bu., \$1.25 per Bu.

SNOW FLAKE

THE tubers are of a good medium and uniform size, elongated oval, compressed, exceedingly symmetrical and remarkably uniform. Its meanness, its pure, delicate flavor, and the evenness with which it cooks through have never been eclipsed by any potato. Price: ¼ Pk., 25c; Pk., 50c; Bu., \$1.75.

IMPORTANT—If you want to raise a big crop of POTATOES, be sure to use our Pulverized Hog Manure. It will pay to drill same in row before planting. It is absolutely pure. See page 118.

CONCAVED SEED
POTATO KNIFE

In our new Concaved and Curved Seed Potato Knife we not only offer you a knife that is good for planting season, but as a household article for peeling apples, potatoes, etc. Price: Each, 25c.

UP-TO-DATE

A MEALY, white, dry, flowery meat that is irresistible. A striking characteristic of this new Irish beauty is its productiveness. We will say right here that it will yield more potatoes by far in the same amount of ground than any other late sort you ever saw except Big Buster. We will back this statement by saying that it will be the most beautiful and of uniform size. Price: ½ Pk., 25c; Pk., 50c; Bu., \$1.50.

SEED SWEET POTATOES

WHITE SOUTHERN QUEEN—These are the large "Yams," the famous Sweet Potatoes that are so popular in the South. Price: Pk., 50c; ½ Bu., 90c; Bu., \$1.60.

EARLY YELLOW NANSEMOND—This potato is like the above, but averaging longer and not so chunky; very sweet, and an ideal home or market sort. Price: Pk., 50c; ½ Bu., 90c; Bu., \$1.50.

EARLY RED NANSEMOND—Similar to our Yellow Nansemond, only being of a red color, which many people prefer in preference to the yellow; very productive. Price: Pk., 50c; ½ Bu., 90c; Bu., \$1.50.

RED BERMUDA—One of the most popular varieties in existence, being of a very large and solid nature, yielding heavier than any other sort. Price: Pk., 60c; ½ Bu., \$1.00; Bu., \$1.75.

SWEET POTATO PLANTS—Ready May 15th—See Page 33.

Any of the varieties listed on this page—Price: 100, 45c; 1000, \$3.50.

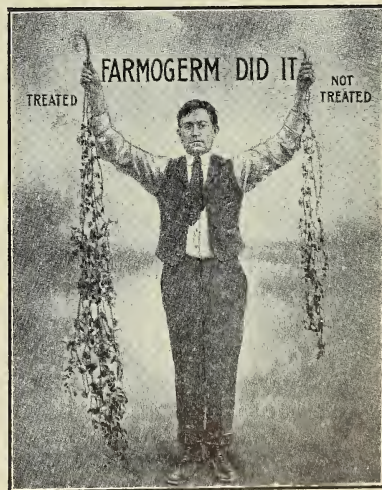
The Standard Inoculation

FARMOGERM

High-Bred Nitrogen Gathering Bacteria.

THE growing legume crops for soil-enrichment is advocated by Agricultural Experts and Experiment Stations everywhere. The great fertilizer value of legumes depends entirely upon perfect inoculation. You can secure satisfactory results only by the use of Farmogerm inoculation, which has been practically tested for years, and its efficiency proven and recognized the world over. Not only will the crops be larger and richer, but the soil will be plentifully supplied with nitrates for the next year's crops.

Regular Farm Size or 5-Acre, \$4.50; Farm Trial Size or 1-Acre, \$1.00; Garden Size or ¼-Acre, 50c.





LAWN GRASSES

(Grass and Field Seed by Parcel Post See Page 1.)

ESPECIALLY ADAPTED FOR THIS LOCALITY AND WILL INSURE A FINE VELVETY LAWN

One Lb. will sow 300 Square Feet. 50 Lbs. to the Acre.

TO INSURE a really fine lawn, there are several requisites; a good depth of rich soil, properly drained. a liberal dressing of some good fertilizer; nicety of grading in the levels and slopes; a firm, smooth surface upon which to sow the seed, and a sufficient quantity of the very best lawn grass seed, suited to the situation. The latter item is of prime importance. A rich soil of good depth, and liberally fertilized, will maintain a fine greensward permanently, needing only an occasional top-dressing. Make a smooth surface with harrow and rake, and use a roller to make it firm and even before sowing the seed. After sowing, cover the seed well by raking it in, and again use the roller to finish the work.

In this latitude there is no more favorable season for sowing than the last of August or September. Sown at this time, the grass will be strong enough to winter over safely. If the seeding cannot be delayed until autumn, it should be done as early in the spring as possible, so that the young grass may be strong enough to withstand the heat of midsummer.

ST. L. S. CO. HAVALAWN

(Name is registered in U. S. Patent Office.)

IS PROCURABLE only from us. Every package bears our green label. No other is genuine, and we will prosecute all infringements.

OUR HAVALAWN MIXTURE

WILL insure a beautiful, compact evergreen sod on any lawn where the essential requirements of grass culture have been complied with. Its component parts are the grasses particularly adapted to lawns and door yards. It is composed of the best thriving varieties, together with the best sod-forming sorts. Timothy and orchard grass are wholly excluded on account of their coarse leaves, and only finest sorts are used. Full provision is made for a succession of growth, so that there shall be no break in the richness of the verdure from spring until autumn, and experience proves that Havalawn Grass Mixture is now perfect. Nothing can be purchased on the American market, no matter what claims may be advanced by other seedsmen. Price: Lb., 25c; ½ Bu., (7 Lbs.), \$1.75; Bu., (14 Lbs.), \$3.50; 100 Lbs., \$23.00.

USE SHEEP MANURE ON YOUR LAWN—WE HAVE IT!

LAWN GRASS—Continued

(Grass Seed by Parcel Post, See Page 1.)

All Grass Seed Prices are Subject To Market Changes.
INFORMATION OF SOWING LAWNS AND THEIR CARE

ONE LB. WILL SOW 300 SQUARE FEET. 40 TO 50 LBS. TO THE ACRE.

THE ground should be thoroughly drained and well prepared, but the surface should be as much alike in quality as possible and thoroughly pulverized. After sowing, the ground should be rolled in order to press the seed firmly into the soil. The proper time to sow grass seed depends, of course, upon the latitude. In this vicinity from early Spring to hot weather. Seed may also be sown in the Fall, provided it is done early enough to secure a good, strong growth before Winter sets in. The sowing should be done when the ground is moist, or before an expected rain, and a subsequent rolling is always advisable. As to weeds in newly made lawns, it may not be generally known, but many weed seeds actually lie dormant on the ground for six or seven years and will germinate and make their appearance when the soil is turned up. It requires at least 1 lb. of seed to every 300 square feet of ground, not already seeded, to give best results.

Rolling—As soon as the frost is out of the ground in the Spring, the land should be gone over with a heavy roller. Winter frosts loosen the soil, and

rolling is necessary to compress it again. If grass seed is to be sown, this should be done first and the rolling immediately afterward. Roll frequently.

Mowing—All turf-forming grasses are improved, both in vigor of root-growth and in fineness of texture by frequent mowings. It is impossible to say just how often the grass should be mown, as that depends upon the rate at which it grows. Too close cutting should be guarded against, however, especially during the hot Summer months, when the roots require some top growth to protect them from the burning sun. A good top growth is also necessary to protect the roots from severe winter frosts.

To Grass a Bank or Terrace—For each square rod, take a pound of lawn-grass seed, and mix it thoroughly with 6 cubic feet of good, dry garden loam; place in a tub, and add liquid manure, diluted with about two-thirds of water, so as to bring the whole to the consistency of mortar. The slope must be made perfectly smooth, and then well watered, after which the paste should be applied.

ST. L. S. CO.'S SHADY LAWN MIXTURE

THIS mixture is intended for all situations that are in partial or complete shade, and will be found invaluable on grounds lying under the shadows of trees or buildings. In preparing such places for the reception of grass seeds it is well to use air-slacked lime quite liberally. This mixture is a combination of fine dwarf-growing-evergreen varieties of grass, which grow naturally in the woods or in shaded spots. Sow thickly. Price: Lb., 30c; ½ Bu., (7 Lbs.), \$2.00; Bu. (14 Lbs.), \$4.00.

FANCY KENTUCKY BLUE GRASS

THIS famous grass is well known in all sections. It generally grows well on any stiff or loamy soil in Central and Northern States where rich, moist though moderately well drained. Kentucky Blue Grass is at its best in the Spring and Fall months, but being rather sensitive to heat does not grow luxuriantly during Summer. It takes a considerable time to get a good stand of this, as it grows very slowly at the start, but, when once established forms a close, compact turf, making a fine lawn. It is better to use a combination of grasses than Kentucky Blue alone, as other grasses which grow more luxuriantly at first will form the sod, but when Kentucky Blue is well established it will gradually spread over the entire plot. Price: Lb., 20c; 7 Lbs., \$1.25; Bu., \$2.50; 100 Lbs., \$14.00.

GOLF LINKS MIXTURE

WE HAVE given much attention to Grasses for Golf Courses. This Mixture is composed of foreign Grasses that thrive here, with the addition of several fine American varieties. By the use of this Mixture, and with proper care, the finest Fair Greens and Putting Greens in the world can be successfully rivaled. If conditions are favorable, a good playing turf may be secured in eight weeks from time of sowing and will last indefinitely. Price: Lb., 30c; 10 Lbs., \$2.75; 100 Lbs., \$26.00.

PUTTING GREEN MIXTURE

ACAREFUL study of the requirements for making the most substantial turf for Putting Greens developed the mixture, herewith offered by us for this purpose. The varieties comprising it are all of the finest-bladed, low growing and most hardy kinds, and maintain their rich, green color throughout the season. We also recommend it for terraces, embankments and steep slopes. Price: Lb., 30c; 10 Lbs., \$2.75; 100 Lbs., \$26.00.

WHITE OR DUTCH CLOVER

ALOW, close growing clover; round white heads, very fragrant. Very desirable for beautifying the lawn. It will stand close cutting and very rapidly throws up an abundance of leaves and blossoms. It is usually better to sow with other grasses. Does well on most any soil. Price: Lb., 60c; 10 Lbs., \$5.50.

GOOD RESULT MIXTURE

THIS is intended for back yards, large playgrounds, etc., that are not intended to be kept cut as closely as other front lawns, and where grass is wanted quick to cover unsightly places; also for tenants who do not intend to stay long on the premises, yet want a good grass. We would advise setting the lawn mower as high as it will go in cutting this grass. Price: Lb., 15c; ½ Bu (7 Lbs.), 85c; Bu. (14 Lbs.), \$1.70.

BERMUDA GRASS (*Cynodon Dactylon*)—Is a dwarf perennial plant and spreads by means of its long and many-jointed root stalks, and for this reason is hard to eradicate once it has secured a foothold; thrives during the hottest part of the year, and will live under water for a long time. Makes a durable lawn and is also used to hold embankments. This grass is much used for lawns about Sacramento. The seed is very slow to germinate and requires heat and moisture. Sow 10 lbs. per acre. Price: Per lb., 50c; 10 Lbs., \$4.50.

PERENNIAL RYE GRASS—It grows rapidly and makes a good showing within month from time of sowing. Valuable for planting early on dry hillside, as it grows so very quickly. A good lawn grass, but a little coarse. Sow 60 lbs. per acre. Price: Lb., 15c; Bu., 20 Lbs., \$2.00; 100 Lbs., \$8.00.

RHODE ISLAND BENT GRASS—This is our very best grass for mixtures, being hardy, and the creeping habit of its roots, constantly adding to the size of its plant, forms the closest mat. Will stand severe rolling and constant cutting. Should be in all lawn mixtures, but on account of its very high price, is rarely used. Price: Lb., 30c; 10 Lbs., \$2.75.

CREeping BENT GRASS—Being of fine texture this grass is most valuable for lawns, and ideal for putting greens. It is of rapid growth and spreading habit, and makes a strong enduring turf. Sow 40 lbs. Price: Lb., 30c; 10 Lbs., \$2.75.

WOOD MEADOW GRASS (*Poa Nemoralis*)—Of early growth and thriving well under trees where other grasses will not grow. Valuable for pasture, but expensive. As a lawn grass its creeping roots soon form a good turf. Sow 30 lbs. per acre. Price: Lb., 40c; 10 Lbs., \$3.50.

ST. LOUIS SEED COMPANY'S 1916 FLOWER SEED NOVELTIES



Giant Flowering Antirrhinum

GIANT FLOWERING ANTIRRHINUM

(Snapdragon)

GIANT PURPLE KING—The introducer of this Antirrhinum claims it is a decided advance in the size of the individual flower of any Antirrhinum yet produced. It is of robust habit, the flowers being almost twice the size of any existing variety; the color is a deep, glowing purple, and they are borne in splendid spikes. Price: Pkt., 15c; 2 Pkts. for 25c.

GIANT VENUS—This improved "Snapdragon" forms brilliant garden beds, flowering profusely and continuously the first season from seed. Unusually effective bedding displays are made from these noble plants; they grow about 2 feet high, are healthy and stocky, and completely enveloped with large flowers of splendid texture and substance, rendering them very durable under all conditions of weather; their continuous-blooming qualities, ease of culture and independence of heat and drought, and pure color, should entitle them to a permanent place in gardens. Although perennials, they do splendidly when grown as annuals; springsown seed produces flowering plants by July, which continue to bloom in increasing profusion until frost. The flowers are nearly double the size of the older sorts. Price: Pkt., 10c; 3 Pkts. for 25c.

BEGONIA

Everblooming Bedding Variety

ERFORDIA—This variety of Begonia takes a rank as a bedding plant with Geraniums and Co'eus, doing equally well in full sunlight, and surpassing both in positions partially or wholly in shade. They are of sturdy growth, growing about 1 foot high and forming dense bushes, which from May until frost, are completely hidden with flowers. As pot plant for winter flowering they are superb, remaining a sheet of bloom throughout the entire year. Easily raised from seed, which should be started either indoors or in a hotbed. Price: Pkt., 15c; 2 Pkts. for 25c.

We deliver free in U. S. all Vegetable or Flower Seeds by the packet, ounce or quarter-pound

ST. L. S. CO. 1916 FLOWER SEED NOVELTIES

—Continued

ST. L. S. CO. NOVELTY MIXED
ASTERS

THIS superb mixture is composed of all new novelties of recent introduction, now one of our leading specialties, extraordinary care being given each season to the selection of the very finest specimens for stock seed, resulting in a strain that is acknowledged by the leading growers as unsurpassed.

The plants form strong, branching bushes, 2 to 2½ feet high, bearing on long, strong stems their handsome Chrysanthemum-like flowers, which, under ordinary cultivation, averages over 5 inches across. The form of the flowers, together with the length of the stems, places them at the head of Asters for cutting. They come into bloom from two to three weeks after the average type, usually being at their best during September, and filling in the gap between the general run of Asters and Chrysanthemums. **Price: Pkt., 15c; 2 Pkts. for 25c.**



St. L. S. Co.'s Novelty Mixture Aster.

SWEET ALYSSUM

LILAC QUEEN—A distinct, new annual variety with pure lilac colored flowers. The plants are of dwarf compact growth and are equally as useful for carpet bedding and edgings as the dwarf white varieties. **Price: Pkt., 10c; 3 Pkts. for 25c.**

CENTAUREA

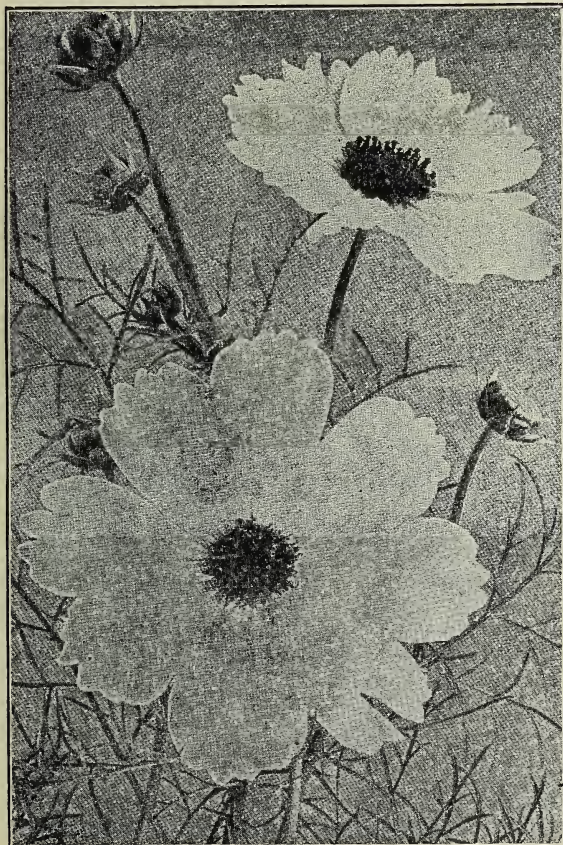
DOUBLE BLUE—This was introduced in 1907, and is now a standard variety and largely used by the commercial florist, who quickly recognized its value as a cut flower. It is identical in color to the popular single blue variety, which is so much in demand for cutting, especially for buttonieres, but, being a full, double flower, it takes fewer of them to make a nice bunch, and it is better in every way. **Price: Pkt., 10c; 3 Pkts. for 25c.**

GIANT COSMOS

THE long-stemmed flowers are of immense size, frequently measuring 5 inches across. The petals are broadly oval and overlap, forming a circular flower of perfect symmetry, having splendid substance and lasting qualities. Unsurpassed both for garden decoration and as cut flowers. Very effective for autumn flowering in broad masses or backgrounds. A hardy and rapid growing annual, forming bush-like plants with feathery green foliage five to six feet high, covered with large flowers somewhat resembling the single dahlia. They are gracefully poised on long stems and are very useful for decorative purposes. Sow outdoors early in spring in rather light soil, not too rich, and preferably in a sunny situation. Cover the seed with one-fourth to one-half inch of fine soil firmly pressed down. If planted in rows, make the rows about two feet apart and when the young plants are well up thin from four to six inches apart in the row.

LADY LENOX WHITE—Price: Pkt., 10c; 3 Pkts. for 25c.

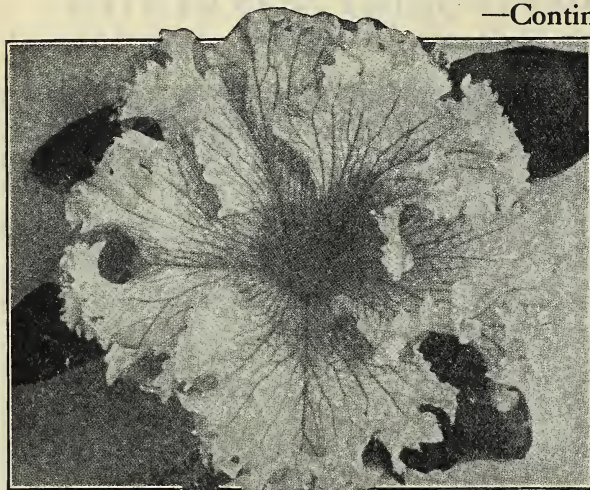
LADY LENOX PINK—Price: Pkt., 10c; 3 Pkts. for 25c.



Lady Lenox Cosmos.

ST. L. S. CO. 1916 FLOWER SEED NOVELTIES

—Continued



New Dwarf Fringed Petunias.

DELPHINIUM

(Hardy Perennial Larkspur.)

THESE are taller than the annual sorts and their brilliant flower spikes arrest your attention even at a distance. The foliage is attractive and the plants strong and neat in habit. By keeping the plants well watered and the flowers cut, a second crop of bloom may be had, and from some a third. The seed is a little difficult to start, so we advise sowing in a box in prepared soil and under a glass.

BELLADONNA—This is one of the finest and most continuous-blooming hardy Larkspur. The clear turquoise-blue of its flowers is not equaled for delicacy and beauty. Price: Pkt., 15c; 2 Pkts. for 25c.

PETUNIAS

NEW DWARF FRINGED LARGE-FLOWERING—This new dwarf race of Petunia is one of the most important novelties in flower seeds that we offer this season. The plants, though branching freely from the base, rarely exceed 8 inches in height and form dwarf compact little bushes which carry, well above the foliage, numerous large fringed-edge flowers of all the beautiful Petunia colors, including those blotched, throated and veined in varied combinations. For flower beds or growing in pots these new compact-growing, large-flowering Petunia are unsurpassed and fill a long-felt want. Mixed. Price: Pkt., 25c.

PETUNIA VEILCHEN BLAU — A Beautiful Deep Violet Blue fringed Petunia, a very fine variety for Bedding with a white border of Sweet Alyssum, same will make a very attractive appearance. It is easy to grow from seed and a constant Bloomer during the summer months. Price: Pkt., 15c; 2 Pkts. for 25c.

ST. L. S. CO.'S
HARDY HYBRID GAILLARDIA

THE FLOWERS are extraordinarily large, often 4 to 5 inches across, and very highly colored in great diversity of variations and blendings, including such combinations as scarlet with gold edge, blood-red with yellow edge, yellow with orange disk, golden with scarlet border, pure yellow, fiery-crimson and many others. These magnificent Gaillardias are hardy perennials, compact in growth and produce a constant succession of flowers summer and fall; grown in large groups they are gorgeously effective. As cut flowers they are almost unrivaled; the brilliant flowers, on long stems, "vase" handsomely, and last in water for days.

GAILLARDIA—(gr. fl. *Oculata*) — New light shades with red center. Very fine variety. Price: Pkt., 10c; 3 Pkts. for 25c.

GRANDIFLORA COMPACTA, MIXED—Price: Pkt., 10c; 3 Pkts. for 25c.



St. L. S. Co.'s Hardy Gaillardia.

ST. L. S. CO. 1916 FLOWER SEED NOVELTIES

—Continued

RED SUNFLOWER

THIS New Sunflower, we believe it to be a novelty of real merit, and feel sure it will come into general use. The plants grow from five to seven feet high, and have many side branches or flowering stems, which are long and slender and, as a rule, distinctly tinged with purple. The flowers vary greatly in size, from four to seven inches across. There is also much variation in shade and coloring—some are solid red, of a deep maroon shade; others are red with the petals gold tipped, and a variety of other pleasing combinations of red and gold. Planted in a border or in front of taller shrubbery or along a wall, they are very showy. The flowers, if cut just after they open and placed in water will last fully a week. The long, slender stems, the graceful poise of the flowers, with their varied coloring, make them very effective and desirable for vasing. **Price: Pkt., 10c; 3 Pkts. for 25c.**



Salvia St. Louis.



Red Sunflower.

SALVIA ST. LOUIS

THIS is one of the finest of the Scarlet Sages, growing on a compact bush 2 feet high by 2 feet in diameter. Its erect spikes of brilliant scarlet flowers stand clear above the dark-green foliage and completely cover the plant. It attracts immediate attention in the garden, and is one of the most effective and gorgeous plants in cultivation.

The densely filled flower spikes are often eight to ten inches long and include thirty or more tube-like florets, one to two inches in length. Seed can be sown outdoors after danger from frost is past. **Price: Pkt., 15c; 2 Pkts. for 25c.**

SEEDS BY PARCEL POST

We deliver Free in U. S. all Vegetable or Flower Seeds by the packet, ounce or quarter pound.

ST. L. S. CO. 1916 FLOWER SEED NOVELTIES

—Continued



St. L. S. Co.'s
Mammoth Strain—Verbena.

ST. LOUIS SEED CO. GIANT DOUBLE ZINNIAS

A SPECIAL strain of this grand old favorite free and continuous flowering annual, which produces flowers of colossal size, specimens measuring 5 to 6 inches across being not unusual. Plants are of extremely robust habit attaining a height of about 3 feet, and bearing on long, strong stems numerous semi-globular, mostly very double flowers all of the largest size, making them of great value in large beds, borders, etc.; grown under favorable conditions they remain in bloom from early Summer to late Autumn. We offer six new varieties.

	Per Pkt.
Mammoth Double Purple	\$0.10
Mammoth Double Scarlet. Very bright...	.10
Mammoth Double Red.....	.10
Mammoth Double White.....	.10
Mammoth Double Golden Yellow.....	.10
Mammoth Double Mixed All Colors.....	.10



Giant Mixed Zinnia.

ST. LOUIS SEED CO. MAMMOTH VERBENA MIXTURE

WE HAVE been carefully selecting and improving this fine strain of Verbenas for years, and can recommend it as the very best procurable. The trusses and individual flowers are of the largest size, of brilliant colors, free-blooming and of vigorous habit. For best and quickest results seed should be sown early in the house or hotbed, and transplanted to flowering quarters in May. If sown outdoors in May, it blooms from the end of July on. Verbenas are better grown from seed than from cuttings, being more vigorous and not liable to disease. Price: Pkt., 10c; 3 Pkts. for 25c.

WILD GARDEN FLOWER SEEDS

UNDER this heading we offer a mixture of the easiest and surest growing kinds that can be sown broadcast, and with little or no care will produce a bright effect in places that would otherwise be nothing but a collection of unsightly weeds, and furnishing an abundance of flowers for cutting. Price: Pkt., 5c; ½ Oz., 15c.

We deliver free in the U. S.
all Vegetable or Flower Seeds
by the Packet, ounce or quarter
pound.

"It Pays to Plant the Best"

ST. L. S. CO. 1916 FLOWER SEED NOVELTIES

—Continued

NEW RAPID CLIMBERS

THE CARDINAL CLIMBER

W E CONSIDER it the most beautiful and brilliant annual climber ever sent out. It is a strong and rapid grower, attaining a height of 30 feet or more, with beautiful fern-like, lacinated foliage and literally covered with a blaze of circular fiery cardinal-red flowers from mid-summer till frost. The flowers are about $1\frac{1}{2}$ inches in diameter, and are borne in clusters of 5 to 7 blooms each, and wherever it has been grown during the past two seasons has attracted more attention and favorable comment than any other plant in the garden. Like other Ipomoeas, it delights in a warm, sunny situation and good soil. The seed may be started indoors in March or April, but it is best to wait until the weather gets warm and settled, and then sow out of doors. In either case it is well to file or cut through the hard outer shell of the seed or steep in warm water until they begin to swell, which greatly assists in a free and quick germination. If sown in cold, wet ground the seed is liable to rot. **Price: Pkt., 20c; 3 Pkts. for 50c.**

MORNING GLORIES

S T. L. S. CO.'S NEW JAPANESE GIANT—This exquisite new Morning Glory is without doubt the finest specie ever offered. So rich and beautiful are its gorgeous markings of handsome blotched petals that it cannot be compared with the ordinary Japanese Morning Glory. The flowers of this variety are of largest size, often three inches or more across; some are brilliant red or rich blue, others are equally brilliant, with broad margins of clear white; some are striped or dotted with blue or red on white or lemon yellow ground, others are clouded with blue and red. The foliage in some plants comes dark green. **Price: Pkt., 15c; 2 Pkts. for 25c.**

CYPRESS VINE

T HIS is a beautiful Rose Pink rapidly growing annual climber and will make plants 20 feet high and be completely covered for 3 months or more with beautiful star-shaped tubular flowers borne in clusters that contrast effectively against the feathery Fern-like, bright, green foliage.

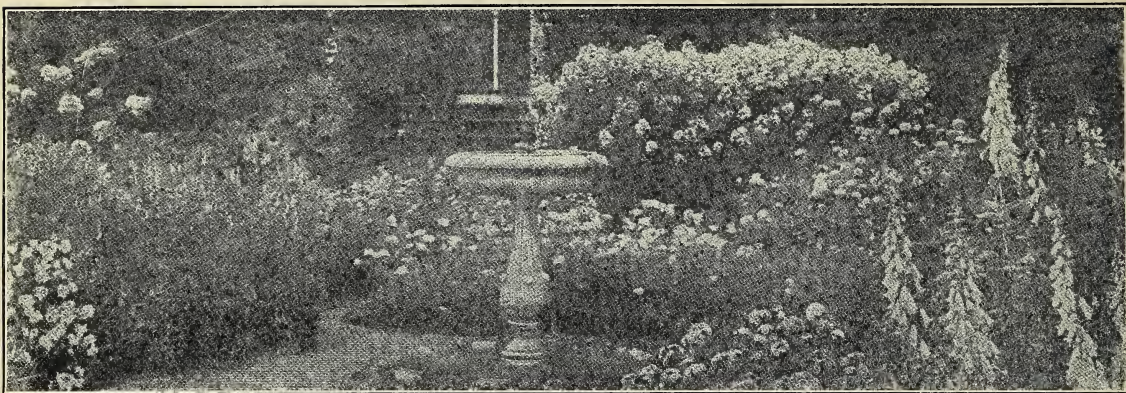
When planted by the side of a veranda, tree or stake, and trained properly, nothing is prettier. **Price: Pkt., 10c; 3 Pkts. for 25c.**

SEEDS BY PARCEL POST

We deliver Free in U. S. all Vegetable or Flower Seeds by the packet, ounce, or quarter pound.



Cardinal Climber.



GENERAL LIST OF FLOWER SEED

IN PRESENTING this list of **Flower Seeds** for your attention, every care has been taken to secure seeds from sources of supply known to us, and from our experiences to be of the highest possible merit. Our Flower Seeds are selected with an idea of superiority of strain and we handle only the highest possible types in each respective class.

We mail all Flower Seeds FREE OF COST to any Post Office in the United States.

The following abbreviations and designations will be of material aid in making selections:

- 1 designates **early**—blooming in Spring and early Summer.
- 2 designates **intermediate**—blooming in midsummer.
- 3 designates **late**—blooming in late Summer and Autumn.

A represents **Annual**—lasting but one year.

B represents **Biennial**—lasting two years.

P represents **Perennial**—lasting three or more years.

E represents **Evergreen**—retaining foliage the entire year.

As a large number of Biennials and Perennials, if sown early, flowers the first season, this distinguishing mark (\$) is affixed to such.

The hardiness is denoted by the following abbreviations, but it should be understood that this is intended to apply to the climate of the Middle States. Further north or south these designations apply only in a comparative way:

h represents **hardy**—plants for open border.

hh represents **half-hardy**—plants that require to be forwarded in pots or frames.

t represents **tender**—requiring protection.

S represents **Shrubs**—plants of bushy habit.

G represents **greenhouse** plants.

Bu represents **bulbous** plant.

ABUTILON

(Flowering Maple)

A VERY ornamental pot plant. Handsome little bushes, covered with bell shaped flowers in the daintiest and also strongest colors, dotted and veined. Bloom ready for seed the first Summer, 2-3; g. S; 4 ft.; Hybrids Mixed. **Price: Pkt., 10c.**

ABRONIA UMBELLATA

(Sand Verbena)

V ERBENA-LIKE rose-colored flowers. Elegant trailing habit. 2; h. A. **Price: Pkt., 5c.**

ACACIA

A BEAUTIFUL shrub with graceful branches bearing racemes of fragrant yellow flowers. Soak seed in hot water. 1; g. P.; 6 foot. **Price: Pkt., 5c.**

ACHILLEA

(Milfoil, or Yarrow)

T HE PEARL—One of the best hardy white perennials. Grows about two feet high, and from Spring till frost is covered with heads of purest white double flowers. A grand plant for cemetery decoration. Easily grown from seed, flowering the first season if sown early. **Price: Pkt., 15c; 2 Pkts., for 25c.**

ACONITUM

(Monk's Hood, or Wolfsbane)

N APELLUS BLUE—A hardy perennial, growing in any good garden soil, producing long spikes of curiously-shaped blue and white flowers. Well adapted for planting among shrubbery or in shady corners of the garden; 3 to 5 feet. **Price: Pkt., 10c.**

NAPELLUS WHITE—Price: Pkt., 10c.

ADONIS AESTIVALIS

(Pheasant's Eye)

B EAUTIFUL dark scarlet flowers with light center. Of easy culture and showy. Fine cut foliage. A very pretty plant, 2-3 h. A.; 1 foot. **Price: Pkt., 5c.**

ANCHUSA

(Italica, Dropmore Variety)

O NE of the finest hardy plants of recent introduction, remarkable for its free and continuous flowering and the beautiful gentian-blue color of its flowers; grows about five feet high, and should be in every hardy border. **Price: Pkt., 10c.**

**YOUR GARDEN NEEDS FLOWERS
TO MAKE IT COMPLETE**

AGERATUM

(Floss Flower)

ONE of the best bedding plants in white and blue colors. Blooms all summer long. It is one of the few good bedders whose flowers do not fade or become spoiled by rain, sun or drought. It often keeps up a good appearance longer than geraniums. h. A.

IMPERIAL DWARF BLUE—A handsome variety different from all other Tom Thumb sorts. The tiny bushy plants do not exceed 5 inches in height, with clusters of flowers of light blue, with a dark red center, changing to pure light blue. The plants are literally covered with flowers; we have counted over 200 on a single plant. Price: Pkt., 5c; ½ Oz., 25c.

IMPERIAL DWARF WHITE—Like above, except in color. Price: Pkt., 5c; ½ Oz., 25c.

LITTLE DORRIT—Azure blue, splendid coloring, 6 inches high, 1 foot across. Price: Pkt., 5c.

MEXICAN MIXED—Blue and white, good for cutting; 18 in. Price: Pkt., 5c; ½ Oz., 15c.



Little Gem.

AQUILEGIA

(Columbine)

NO HARDY plant grown from seed is more easily handled than the Columbine.

Seed may be planted in the open ground early in Spring, and will, in the case of the single varieties, bloom the same season; or they may be planted in August or September, and will come up early in Spring and make vigorous plants, which will bloom abundantly during late Spring and early Summer.

CALIFORNICA HYBRIDA—Exquisite flowers, in yellow and orange shades, all with low spurs. Price: Pkt., 10c.

ST. L. S. CO. LONG-SPURRED HYBRIDS

THIS beautiful strain of Columbines comprises new and pleasing shades and combinations, ranging through all the shades of lavender, blue, mauve, white, yellow, orange, scarlet and bright rose-pink. The plants are perfectly hardy, vigorous and stately growth, produce abundantly large and elegantly shaped flowers with long spurs. Seed may also be sown outdoors in fall. Price: Pkt., 10c.

ROSE QUEEN—The plants produce on long slender stalks in great profusion, beautiful flowers of light to dark rose with white center and yellow anthers, a most delicate and beautiful combination of colors. 2½ feet high. These should be planted in a permanent place as they are perfectly hardy. As a cut flower their place cannot be filled by any other flower. Price: Pkt., 15c.

VULGARIS—Double White. Price: Pkt., 10c.

DOUBLE—All colors mixed. Price: Pkt., 10c.

SINGLE—All colors mixed. Price: Pkt., 5c.



Ageratum Mexicanum.

ALYSSUM

THIS is one of the finest hardy annuals we have, and is beloved by many on account of its modest blossoms, very similar to white forget-me-nots. It is pleasantly fragrant, and just the thing for personal adornment or the breakfast table. It begins to blossom early in the season and blooms more or less constantly until Fall.

LILAC QUEEN—See Novelty Page 47.

CARPET OF SNOW—We know of no other white flower which is so particularly well adapted to borders, ribbons, etc., as our Carpet of Snow Alyssum. The plants commence to bloom when quite small, and will flower all Summer long till late in the Fall. This habit with its fragrance, makes it indispensable. h. A. Price: Pkt., 5c; ½ Oz., 25c.

LITTLE GEM—The best variety for bedding. Very dwarf and compact. Price: Pkt., 5c; ½ Oz., 25c.

SAXATILE—Hardy. A grand new variety of exquisite coloring. This new variety forms a perfect little bush with miniature flowers in great masses, of a bright yellow. This specie is a hardy perennial, but blooms the first season from seed if sown early, grows about 12 inches high. Price: Pkt., 5c.

ARCTOTIS GRANDIS

(Blue-Eyed Daisy)

ITS FLOWERHEADS, borne on long stems, the ray florets, being pure white on the upper surface, are embellished by a narrow yellow zone at their base; reverse of petals pale lilac; 2; h. A. Price: Pkt., 5c.



Arctotis Grandis.

ST. LOUIS SEED CO. SUPERB ASTERS

ASTERS will thrive in any good soil, prepared in the same way as you would for a crop of vegetables, but it is well to remember that any extra care taken in the preparation of the soil is repaid by finer plants, larger blooms, with longer stems and more profuse flowering. They should have an open, sunny position, and prefer a good, heavy, loamy soil enriched with a liberal quantity of Bone, and an addition of air-slacked lime, and we do not

advise growing them on the same ground two years in succession; it is better to change each season. For early flowering, seeds should be started in a sunny window, hot-bed or coldframe in April and transferred to their place in the garden as soon as danger of frost has gone by. For August (midseason) and September (late) sow seeds outside in finely prepared ground in May, thinning out to one foot in the rows and two feet between. With the above prescribed treatment and frequent cultivation of plants to insure a steady growth until flowering, excellent large blooms with long stems can be obtained.

ST. L. S. CO.'S NOVELTY MIXED—See Novelty Page 47.

QUEEN OF THE MARKET ASTER (Early)

AN EXTRA early variety, bearing large double flowers; plants of branching habit, having long stems. 2 ft.

	Pkt.	¼ Oz.		Pkt.	¼ Oz.
Light Blue	\$.05	\$0.30	Lavender	\$.05	\$0.30
White	.05	.30	Crimson	.05	.30
Purple	.05	.30	Mixed	.05	.30
Pink	.05	.30			

HOHENZOLLERN ASTER (Midsummer)

THIS splendid Ostrich-feather Aster comes to bloom after Queen of the Market. The plants grow tall and branching, bearing flowers of mammoth size on exceedingly heavy, long stems.

	Pkt.	¼ Oz.		Pkt.	¼ Oz.
White	\$.010	\$0.50	Rose	\$.010	\$0.50
Dark Blue	.10	.50	Crimson	.10	.50
Light Blue	.10	.50	Mixed	.10	.50

GIANT COMET ASTERS

FLOWERS of immense size, often 6 inches across, composed of long, wavy, twisted petals, gracefully formed into loose, yet densely double half-globes. Each plant bears 15 to 20 flowers on very long stems, making them especially valuable for cutting.

	Pkt.	¼ Oz.		Pkt.	¼ Oz.
White	\$.010	\$0.50	Dark Blue	\$.010	\$0.50
Rose	.10	.50	Crimson	.10	.50
Light Blue	.10	.50	Lavender	.10	.50
			Mixed	.10	.50

ST. L. S. CO.'S LATE BRANCHING ASTER (Late)

THE superb strain, of American origin and especially adapted to our climatic conditions, now one of our leading specialties, extraordinary care being given each season to the selection of the very finest specimens for stock seed.

The plants form strong, branching bushes, 2 to 2½ feet high, bearing on long, strong stems their handsome Chrysanthemum-like flowers.

	Pkt.	¼ Oz.		Pkt.	¼ Oz.
Pure White	\$.010	\$0.50	Lavender	\$.010	\$0.50
Rose	.10	.50	Crimson	.10	.50
Purple	.10	.50	Mixed	.10	.40

DWARF CHRYSANTHEMUM-FLOWERED MIXED—A profuse late-flowering variety. Large double flowers. Price: Pkt., 5c.

OSTRICH PLUME—They branch out freely into well-formed bushes, each plant bearing from 25 to 40 magnificent flowers. Colors: Mixed. Price: Pkt., 10c.

LARGE SINGLE CHINA ASTERS—Single flowers are coming much in vogue among people of aesthetic tastes and those influenced by fashion's decree; beautiful but simple. This change of front from double to single has created a demand for long-stemmed large single china asters which are of unsurpassed decorative effect when cut and vased. Mixed. Price: Pkt., 5c.

HARDY PERENNIAL ASTERS—These are among the showiest of our late-flowering hardy plants, giving a wealth of bloom at a season when most other hardy flowers are past, and for the best effect should be planted in masses. Mixed. Price: Pkt., 10c.



Hohenzollern Aster.

ARABIS (Rock Cress)

ALPINA NANA COMPACTA—One of the first flowers to bloom in the Spring. Pure white, low, compact, carpet-like growth, useful for rockeries and the edge of a bed of perennials. For covering graves is unexcelled. 1 to 3 h. P. Price: Pkt., 10c; ½ Oz., 50c.

AMARANTHUS

Beautiful colored foliage plants; succeeds best in sunny, dry locations.

TRI-COLOR (Joseph's Coat)—Makes a very pretty effect when used the same as Coleus. Keep it cut back to produce a symmetrical plant for edging; red, yellow and green; 2-3; t. A. 3 feet. Price: Pkt., 5c.

CHOICE MIXED—Price: Pkt., 5c.

ANEMONE (Windflower)

VERY pleasing perennial, producing large flowers; few plants compare with them in beauty; fine for bouquets. Sow outdoors in Spring, keeping shaded till the plants appear.

CORONARIA, Mixed Colors—Price: Pkt., 5c.

ANTHEMIS (Hardy Marguerite)

KELWAYI—A most satisfactory hardy perennial, bearing all summer daisy-like golden-yellow blossoms; excellent for cutting; 2 feet. Price: Pkt., 10c.

ANTIRRHINUM (Snapdragon)

Perennial. 3 ft.

THE Antirrhinum now rivals the sweet pea in popularity, and is grown extensively under glass as well as for bedding-out. The tall, graceful spikes are excellent for vases and general decorative purposes. Planted in beds, borders, or among shrubbery, they present a most striking effect.

GIANT PURPLE KING—See Novelty page 46.

GIANT PINK VENUS—See Novelty page 46.

IMPROVED GIANT-FLOWERING TALL VARIETIES

THE varieties offered below are the best and most improved of largest-flowering sorts. The blooms are double the size of the older kinds.

SILVER-PINK—A new color of great merit. Greenhouse-grown seed. A striking and lovely variety; a soft silvery pink, the most pleasing and effective color yet introduced. The seed we offer is saved from carefully selected spikes grown under glass. Price: Pkt., 25c.

	Pkt.		Pkt.
Giant White	5	Giant Scarlet	5
Giant Pink	5	Giant Striped	5
Giant Queen Victoria. Very large; pure white.....	5	Giant Yellow	5
		Giant Mixed	5

TOM THUMB VARIETIES, Mixed Colors—Only 1 foot high, Price: Pkt., 5c.

ASPARAGUS

PLUMOSUS—Probably the most popular house plant today. We sell thousands of florists who grow the pot plants. You can grow it for yourself and neighbors. The leaves are bright green, gracefully arched, surpassing Maidenhair Ferns in Grace, delicacy of texture and richness of color. Price: Pkt., 10c.

SPRENGERI—Similar to Plumosus in coloring, only hardier and more easily grown: 1 g. P. Price: Pkt., 10c.

BANANA (Musa Ensete)

ONE of the most effective lawn plants we have, giving a tropical effect to any garden. Should be planted in a somewhat sheltered place where the wind will not whip about the broad leaves. Plants can be over-wintered in a tub in the house and be set out again after all danger of frost is over. 8 to 12 feet. Price: Pkt., 25c.

BANANA PLANTS—See page 93.

BEGONIA

Begonia Erfordia—See Novelty page 46.

A BEAUTIFUL flower of various colors. Blooms in constant profusion from early Summer until late Fall, and an excellent plant for Winter blooming. T. P.

LUMINOSA—Brilliant fiery dark scarlet; very bright. Price: Pkt., 15c.

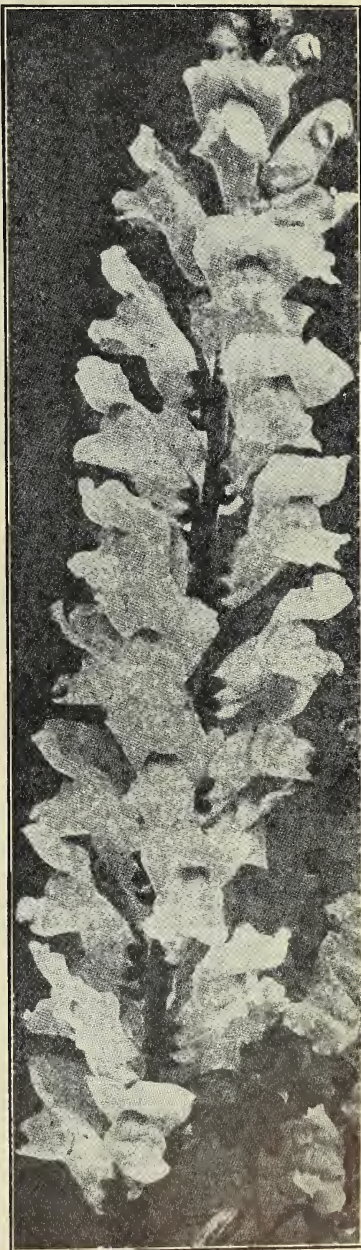
GRACELIS MIXED—Similar to above, mixed. Price: Pkt., 10c.

BROWALLIA

BROWALLIA MAJOR—This new sort is without doubt the most beautiful of all the Browallias. The plants grow only about a foot high and form dense little bushes, which are covered with an abundance of the most delightful sky-blue flowers. Price: Pkt., 10c.

BRACHYCOME (Swan River Daisy)

IBERIDIFOLIA MIXED—Very effective in edgings, beds, and rustic baskets. Good for house culture in winter. Always in full bloom. hh. A. Price: Pkt., 5c.



Antirrhinums.



Balsam.

CALENDULA

- D**WARF bushy annuals, blooming abundantly until frost; of easy culture. 1 ft. h. A.
DOUBLE MIXED—Price: Pkt., 5c; ½ Oz., 15c.
PRINCE OF ORANGE—Golden yellow. Price: Pkt., 5c; ½ Oz., 20c.
METEOR—Creamy center, edged with orange. Price: Pkt., 5c; ½ Oz., 20c.

CANNA

CANNAS are famous for their luxuriant growth and immense Gladiolus-like flowers of most brilliant colors; their profusion and continuity of bloom under all climes and conditions render them easily the most useful, showy and universally popular garden plants grown. Price: Pkt., 10c.

CARNATIONS

CARNATIONS are general favorites for their delicious fragrance and richness of colors. They are indispensable, both for greenhouse culture in winter and for the garden in summer. The Marguerite and Chabaud's type are the best for summer flowering.

CHABAUD'S EVER-BLOOMING MIXED—Resembles the Marguerite Carnation, but is perpetual growing or perennial. Exquisite colors, large flowers. Price: Pkt., 20c.

GIANT-FLOWERING MARGUERITE MALMAISON—The flowers of this wonderful strain often measure 3 inches across, and are usually as double as double can be. The variety of color includes white, blush, deep pink, salmon, carmine, scarlet, dark crimson, maroon, and many beautifully variegated flowers. Price: Pkt., 15c.

MARGUERITE WHITE—Price: Pkt., 10c.

MARGUERITE PINK—Price: Pkt., 10c.

MARGUERITE YELLOW—Price: Pkt., 10c.

MARGUERITE RED—Price: Pkt., 10c.

MARGUERITE MIXED—These beautiful Carnations succeed in any good situation. Exquisite in color. Price: Pkt., 5c; ¼ Oz., 25c.

FINEST DOUBLE MIXED—About 1 foot. Price: Pkt., 10c.

BALSAM (Lady Slipper)

AN OLD favorite garden flower, producing its gorgeous masses of beautiful, brilliant-colored double flowers in the greatest profusion; of easiest culture; succeeds in a good, rich soil. Tender annuals. 2 feet. Start the seed indoors in April, or sow out-of-doors in May.

ROSE FLOWERING—Mixed. Price: Pkt., 5c.

CAMELIA FLOWERING MIXED—Flowers of extra size, double and full centered, with reflexed petals. The most elegant of all Balsams. Price: Pkt., 10c.

CAMELIA—FLOWERED PRINCE BISMARCK—Salmon pink. Very double. A pleasing color. Price: Pkt., 10c.

BUDDLEIA VARIABILIS VEITCHIANUS

BUTTERFLY SHRUB, or SUMMER LILAC—One of the most desirable summer flowering shrubs, beginning to bloom in July it continues until cut by severe frost. The flowers are of a pleasing shade of violet mauve, and are borne in dense cylindrical spikes which under liberal cultivation are from 15 to 20 inches in length by 3 inches in diameter. Price: Pkt., 10c.

CACALIA (Tassel Flower)

A PRETTY free-blooming plant with tassel-shaped flowers, also called Devil's Paint Brush. Of easy growth; annual; 18 inches. Price: Pkt., 5c.

CALCEOLARIA

COLORS—Yellow, maroon, white, etc., spotted and blotched in the most unique fashion. 1½ feet. Large Flowered Hybrids. Price: Pkt., 25c.

CALLIOPSIS

ONE of the most showy flowers, very easily grown; will thrive almost anywhere without trouble or care. A favorite for the home yard or lawn. h. A.

FINE MIXED—Valuable for mixed beds and borders. About 1 ft. Price: Pkt., 5c; ½ Oz., 20c.

SUPERB HYBRIDS, MIXED—Unlike other varieties, this is a fine bedding plant, besides being useful for bouquets. The colors are richer and more varied. About 14 inches. Price: Pkt., 10c.

DRUMMONDI—Rich golden yellow. Price: Pkt., 5c.

GOLDEN RAY—Dwarf, compact plants, not over 9 inches high, covered with flowers of rich maroon edged with golden yellow, and having twisted petals like a Cactus Dahlia. Price: Pkt., 5c.

CALLIRHOE (Poppy Mallow)

VELVET purple, with white eye. h. A. Price: Pkt., 5c.



Calliopsis.

CAMPANULA (Canterbury Bells)

VERY beautiful, hardy, herbaceous perennial, bearing a great profusion of attractive Bellflowers; thrives best in light, rich soil; some of the varieties flower first season if sown early.

MEDIUM CALYCANTHEMA.

	Pkt.		Pkt.
Blue	\$.05	Striped	\$.05
White .....	.05	Mixed .....	.05
Rose .....	.05		

CANDYTUFT (Iberis)**HARDY ANNUALS.**

THE Candytuft is almost as fragrant as the sweet alyssum and very popular. Very useful as a bedding plant or for border work. Sow outdoors in April, where they are to bloom, and thin well when the plants grow about 1 inch. Sow also in July for fall blooming. Where grown in rows best results for cut-flowers can be obtained only by giving the plants at least a foot apart in the rows and 1½ feet between the rows.

EMPRESS—The best pure white and the best for cut flowers; fragrant. Price: Pkt., 5c.

MIXED—Price: Pkt., 5c; ½ Oz., 25c.

(Hardy Candytuft)

GIBALTARICA HYBRIDA—White flowers, shading to lilac. Price: Pkt., 10c.

SEMPERVIRENS—A profuse, white-blooming, hardy perennial, coming in flower early in the spring; much used for cemeteries, rockeries, etc. 1 foot. Price: Pkt., 10c.

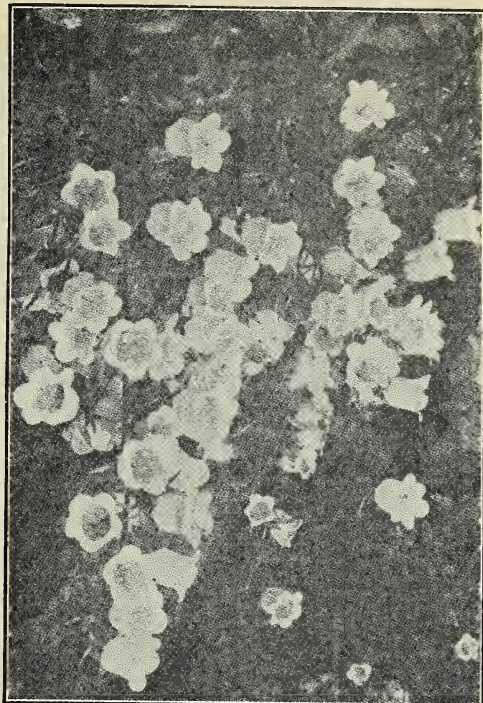
CINERARIA

MAGNIFICENT flowering plants for spring decorations for the conservatory or window garden.

The flowers measure 2 to 3 inches across, are of white, blue, violet and crimson shades; usually two or more colors are shown in one flower, covering the plant with a sheet of blooms.

GIANT PRIZE—Our finest offering. Price: Pkt., 20c.

MARITIMA CANDIDISSIMA (Dusty Millers) — These, as well as the white-leaved Centaureas, are called "Dusty Millers." Fine for bedding, ribbon-beds and margins; prized for their beautiful downy, silvery foliage; half-hardy perennials; 2 feet. Price: Pkt., 5c; ½ Oz., 25c.



Campanular Medium.

CENTAUREA

(Corn Flower or Bachelor's Button.)

THIS favorite old-time flower is also known as Ragged Sailor, Blue Bottle, etc. It is a free flowering bloomer, very showy growing from 2 to 3 feet high and are largely used for cut flowers. It grows in any soil and almost equals the Aster popularity. h. A.

CENTAUREA DOUBLE BLUE—See Nov. Page 47.

CYANUS KAISER WILHELM—Rich, deep blue. 1½ feet. Price: Pkt., 5c; ½ Oz., 15c.

CYANUS SINGLE MIXED—Contains all the popular colors. 1½ feet. Price: Pkt., 5c; ½ Oz., 15c.

CYANUS DOUBLE MIXED—A much better strain than the above. Bunch this with Sweet Peas and it makes a pretty combination. Price: Pkt., 10c; ½ Oz., 25c.

MOSCHATA, or SWEET SULTAN—A beautiful new variety, similar to Marguerite, producing freely large, graceful, fragrant flowers on long stems; height about 1½ feet. Price: Pkt., 5c.

IMPERIALS (Giant Royal Sweet Sultans)—This is a new type of annual Centaurea. Bushes are from 3 to 4 feet in height, flowers are finely fringed, soft and feathery, and frequently 3 inches across. Fine for cutting and of a strong hardy constitution. Mixed, all colors. Price: Pkt., 5c.

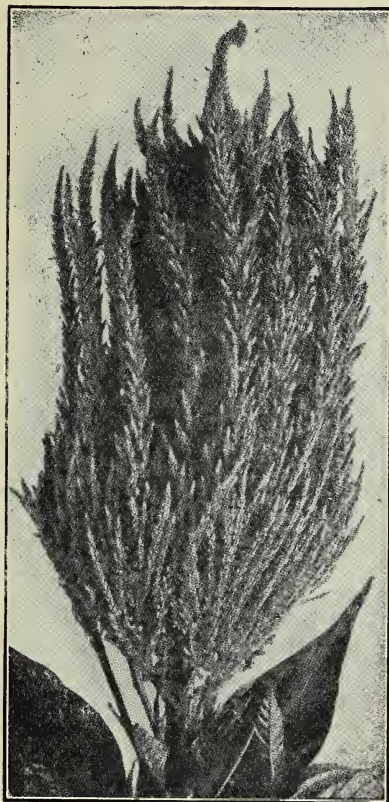
ODORATA MARGUERITE—Distinct from all other varieties. Flowers pure white; exceedingly fragrant; long stems. The centers are full and double. Grows quite bushy and of the easiest culture. Price: Pkt., 5c.

CANDIDISSIMI—Ornamental Leaved Centaurea. (Dusty Miller)—For bedding, hanging baskets and pots and for edging of beds where white basket foliage is desired. Easily raised from seed. Silvery white, finely cut leaves. 1 foot. Price: Pkt., 10c.

GYMNOCARPA—Leaves not so white as the above. 1½ feet. Price: Pkt., 5c.



Centaurea-Moschata.



Celosia, Thompsonii Magnifica.

CELOSIA (Coxcomb)

BEAUTIFUL plumes of brilliant colors, hh. A. Being fine for vases, and of splendid foliage. Celosia is the finest of all novelty plants, producing very large ostrich-feather-like plumes.

THOMPSON'S MAGNIFICA—A new improved strain. Colors Golden Yellow, Fiery Scarlet, Purple, Salmon, Blood-red, etc., Price: Pkt., 10c.

OSTRICH PLUME CRIMSON—Price: Pkt., 5c.

OSTRICH PLUME GOLDEN—Price: Pkt., 5c.

PYRAMIDALIS—Tall mixed. Price: Pkt., 5c; ½ Oz., 25c.

CELOSIA, CRISTATA (Coxcomb)—They make attractive beds planted a mass or as a border for other plants. May be dried and kept for years, still retaining their color. hh. A. Price: Aurea yellow, Pkt., 10c; Rose Pink, Pkt., 10c.

GLASGOW PRIZE—The best dwarf crimson sort, with handsome dark foliage. Combs very large and solid. Price: Pkt., 10c.

DWARF MIXED—Combs often more than 1 foot wide. Price: Pkt., 5c.

CLEOME (Giant Spider Plant)

LARGE spikes of rosy carmine flowers. Large bushy plants: 3 to 4 feet high. h. A.

GIGANTEA—The finest strain. Price: Pkt., 5c.

CLARKIA

THIS pretty and easily grown annual has been much improved in recent years, and the varieties offered below are now seen as cut flowers in most of the large cities of Europe; they do well either in sun or shade, growing 2 to 2½ feet high, with leafy racemes of double flowers, which all open in water when cut. Price: Pkt., 5c.

COTTON

GROWN extensively for decorating purposes. Very showy and attractive. Price: Pkt., 5c; Oz., 15c.

COREOPSIS

ABEAUTIFUL hardy flower blooming from seed the first year. Very large golden yellow flowers of great elegance and beauty. The plant is covered with flowers the entire summer. Price: Pkt., 5c; ½ Oz., 25c.

CYPERUS (Umbrella Plant)

ALTERNIFOLIUS—An excellent plant for growing in water and damp places; makes a very ornamental house plant, always presenting a green and attractive appearance. Price: Pkt., 10c.

COLEUS

COLEUS grown from seed make very thrifty plants the first season. For sub-tropical groups the endless variety and combinations of brilliant colors are very captivating. Price: Pkt., 20c.

CUPHEA (Cigar Plant)

AVERY pretty border plant. Very showy for borders and bedding. Dwarf habit, hh. A. G.

PLATYCENTRA—A favorite Cuphea. Price: Pkt., 10c.

CHRYSANTHEMUMS

This seed will produce Blooming Plants the First Season.

THE real beauty of these Royal Flowers of the Orient is well known. There are many people, however, who do not realize how easily they may be grown from seed, and that all of the magnificent new varieties were raised from hybridized seed, similar to that which we are now offering.

PRINCESS HENRY—Most valuable of the maximum type. It is of a very set growth, averaging only about 18 inches high. Very floriferous. Price: Pkt., 10c.

CORONARIUM DOUBLE MIXED—One of the latest introductions in the Chrysanthemum world. Owing to its magnificent golden yellow and white shades it is fast becoming a florist favorite. Price: Pkt., 5c; ½ Oz., 20c.

JAPANESE DOUBLE—The seed we offer is saved from a collection of 50 different varieties from Japan. If this seed is sown in February and March, and properly treated, the plants will bloom profusely next fall equal to any plants started from cuttings Mixed. Price: Pkt., 20c.

THE BRIDAL ROBE—Of very compact and upright habit; 10 inches in height; the sturdy plants throw out their finely feathered foliage from the base and deck themselves with a mantle of extra double pure white flowers. Price: Pkt., 15c.

SEEDS BY PARCEL POST

We deliver Free in U. S. all Vegetable or Flower Seeds by the packet, ounce, or quarter-pound.



Coreopsis.

COSMOS

THIS beautiful annual is one of the most showy and useful of our garden plants. Plants grow from 4 to 6 feet in height, and are very bushy and compact. Flowers borne on long delicate stems and are similar to single Dahlias. Foliage very finely cut. Excellent for cutting.

LADY LENOX—See Novelty Page 47.

GIANT EARLY FLOWERING FINEST MIXED—Seed if sown in March and April will flower during July. Our seed is all grown in New England from our special strain. 4 ft. Price: Pkt., 5c; ½ Oz., 25c.

	Pkt.	½ Oz.
GIANT FLOWERING LATE.		
Finest Mixed, 6 ft.	\$0.10	\$0.25
Pink, 6 ft. ....	.10	.25
Crimson, 6 ft. ....	.10	.25
White, 6 ft. ....	.10	.25
Purple, 6 ft. ....	.10	.25
Orange (Klondyke), 6 ft. ....	.10	.50

FRINGED COSMOS—A magnificent strain. The individual flowers are of enormous size and the most perfect form, while the colors are brilliant.

	Pkt.	½ Oz.
Crimson	\$0.10	\$0.50
White ....	.10	.50
Pink ....	.10	.50
Mixed ....	.10	.40

DAHLIAS

BUT few people know that Dahlias can be raised from seed and will bloom the first year. If sown early will bloom profusely all fall.

DOUBLE MIXED—Price: Pkt., 10c.

SINGLE MIXED—Price: Pkt., 5c.

CACTUS MIXED—Price: Pkt., 10c.

SHASTA DAISIES (Alaska)

ONE of the most satisfactory hardy plants for shrubbery border. Flowers profusely throughout the summer making excellent cut flowers for decorative purposes. Quite a profitable plant to grow as the flowers are in big demand by florists. Price: Pkt., 10c.

DAISIES

PLANTS of Double Daisy will bloom the first summer and will continue to bloom for years if given slight protection during winter. They are not very particular as to soil. h. P.

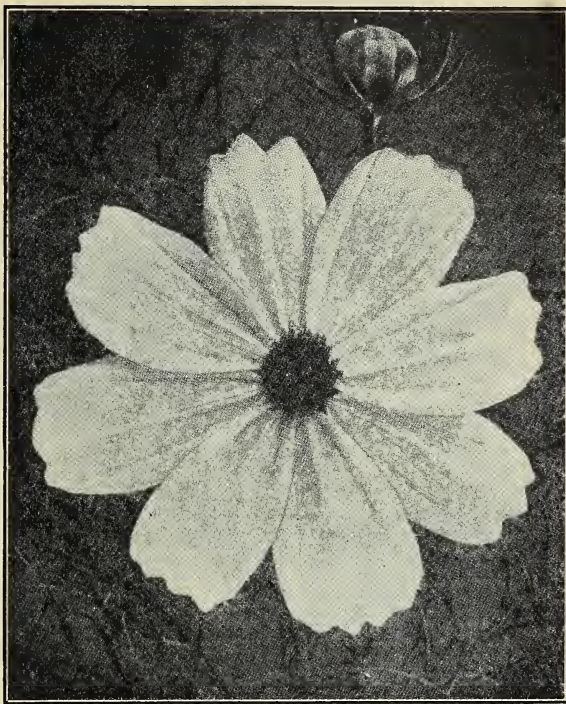
DOUBLE SNOWBALL, White—Price: Pkt., 10c.

DOUBLE ROSE LONGFELLOW—Price: Pkt., 10c.

DOUBLE MIXED—Price: Pkt., 10c.



Double Pinks.



Giant Flowering Cosmos.

DIANTHUS (Pinks)

IN THIS large and greatly varied genus are some of the most beautiful and best-loved flowers. unsurpassable for color and fragrance.

ST. L. S. CO.'S SNOWDRIFT—Our new Snowdrift may be classed the Ideal Dianthus. Its robust and freely branching plants throw up a multitude of strikingly large flowers, 3 to 4 inches across, very double and with finely lacinated petals of the purest white. Price: Pkt., 10c.

HEDDEWIGGE, DOUBLE MIXED—Price: Pkt., 10c.

HEDD, DOUBLE "FIREBALL"—Brilliant scarlet; very compact and floriferous. Price: Pkt., 10c.

HEDD, DOUBLE DIADEMATUS (Diaden Pink)—Mixed colors. Price: Pkt., 5c.

HEDD, DOUBLE ATROPURPUREA—Crimson. Price: Pkt., 10c.

HEDD, LACINIATUS, DOUBLE MIXED—Exquisite. Price: Pkt., 10c.

HEDD, SINGLE LACINIATUS, MIXED—Price: Pkt., 5c.

CHINENSIS, CHINA OR INDIAN PINKS—One of the most beautiful and satisfactory summer-flowering annuals, mixed colors. Price: Pkt., 5c; ½ Oz., 25c.

PLUMARIUS

(Hardy Grass Pinks)

BORDER OR SPICE PINKS—These form those dwarf bushy mat-like plants above which are produced on long stems.

PLUMARIUS, SINGLE MIXED (Pheasant's Eye)—Price: Pkt., 5c.

PLUMARIUS, DOUBLE MIXED—Price: Pkt., 10c.

"ERFURT"—The flowers of this new type are largest, are borne more profusely on shorter, stiff stems with a vivid and rich display of colors and markings. The colors include blood red, rose, maroon, purple, pink, blush, spotted, laced, variegated. Usually very double, beautifully fringed, clove-like perfume. Mixed colors. Price: Pkt., 10c.



Eschscholtzia.

DATURA*Eschscholtzia.*

ANGEL'S "TRUMPET"—A new annual variety and exceedingly fine, bearing great trumpet-like flowers, 6 to 8 inches long, with double frilled interiors; sweet-scented; plants 4 feet high, bushy and free-flowering, of fine sub-tropical effect in the garden. Mixed. Price: Pkt., 5c.

DELPHINUM (Hardy Perennial Larkspur)

See page 62.

DORONICUM (Leopard's Bane)

ONE of the most effective very early spring-flowering perennials.

EXCELSUM—Large orange yellow. Price: Pkt., 15c.

ERYSIMUM

THIS Annual Border Plant is one of the sweetest scented annuals in cultivation. It is of a beautiful orange yellow coloring, is of free flowering, of bright color and neat habits. It is rapidly becoming one of our favorite bloomers. h. A. 3 feet.

PEROFKIANUM—The favorite orange coloring. Price: Pkt., 5c.

ESCHSCHOLTZIA (California Poppies)

BEAUTIFUL and popular annuals, being of the earliest culture and giving great satisfaction. From spring-sown seeds they flower profusely until late in the autumn, making them invaluable bedding plants. h. A.

CALIFORNICA—Bright yellow. Price: Pkt., 5c.

CARMINE KING—Carmine-rose on both sides of the petals. Price: Pkt., 5c.

ROSE CARDINAL—A grand variety. Intense carmine. Price: Pkt., 5c.

MANDARIN—Red flowers, orange within and scarlet without. Price: Pkt., 5c.

DOUBLE AND SINGLE MIXED—Price: Pkt., 5c; ½ Oz., 15c.

EUPHORBIA (Poinsetta)

A BEAUTIFUL plant of exquisite colorings. h. A. **VARIEGATA** (Snow-on-the-mountain)—Is very popular. Green foliage, veined and margined white; 2 to 4 feet. Price: Pkt., 5c.

HETEROPHYLLA (Mexican Fire Plant or Fire-on-the-mountain)—An annual, resembling the beautiful hothouse poinsetta in habit and color. Smooth, glossy-green leaves, changing to a blazing scarlet, with just a tip of green left; about 3 feet. Price: Pkt., 5c.

FERNS

A BEAUTIFUL plant used for foliage, bouquets, etc. Are a favorite everywhere and are very easily grown. Sow seed in rich loam. Below we offer you the finest species.

FINE MIXED—Greenhouse species. Price: Pkt., 20c.

HARDY—Species for outdoor culture. Price: Pkt., 20c.

FEVERFEW (Matricaria)

A N OLD garden favorite. This is the annual Feverfew, and one of the numerous flowers called "Bachelor's Button." Elegant for cutting and bouquet work. h. A.

DOUBLE WHITE—About 2 ft. Good for cutting. Price: Pkt., 5c.

GOLDEN BALL—Dwarf. Beautiful yellow. Price: Pkt., 10c.

FOUR O'CLOCK—MARVEL OF PERU

FOUR O'CLOCKS—Called Four O'Clocks because they open their blossoms at that hour in the afternoon. They are also known as "Marvel of Peru." Handsome, free-flowering, sweet-scented; Blossoms variegated and striped. h. A.

FINE MIXED—Price: Pkt., 5c; Oz., 15.

FUSCHIA (Eardrops)

THIS elegant pot variety is one of our showiest plants. They produce flowers of the most beautiful colorings. g. P.

FINEST MIXED—Price: Pkt., 25c.

FOXGLOVE (Digitalis)

GLOXINIAEFLORE—This is a fine strain of the ordinary Foxglove, with handsome Gloxiana-like flowers on long spikes. Mixed. h. P. Price: Pkt., 5c; ½ Oz., 30c.

FORGET-ME-NOT (Myosotis)

THESE daintily elegant little flowers are hardy perennials that love cool, moist soil, and like pansies, bloom most freely in the fall and early spring. They make beautiful close borders, or edgings, thickly sprinkled with pretty flower-sprays, and will bloom nicely in winter in a cool room or coldframe. Once at home in a garden they establish themselves by self-seeding. All the varieties are general favorites. Sow in spring in a warm, sunny border. Most varieties bloom freely the first season and profusely the second. Average height, 6 inches. hh. P.

ALPESTRIS ROBUSTA GRANDIFLORA—This splendid Forget-me-not plant is of compact habit with glossy dark green foliage, above which are carried on sturdy stems large clusters of immense pure, blue flowers. Price: Pkt., 10c.

PALUSTRIS SEMPERFLORENS—An ever-blooming variety of the above, beginning in May and continuing till autumn. Large, clear, blue flowers in pretty sprays. Price: Pkt., 10c.

INDIGO BLUE—Early and free-flowering, with the deepest indigo-blue flowers produced on long sprays which are excellent for cutting; 9 in. Price: Pkt., 10c.

VICTORIA DISTINCTION (Alpestris)—Bright azure blue. Very early. Price: Pkt., 10c.

MYOSOTIS ALPESTRIS MIXED—A pretty traller. Price: Pkt., 5c.

GOLDEN ROD (Solidage Canadensis)

THE well-known golden yellow favorite; hardy perennial; 2 to 5 feet. Price: Pkt., 5c.

GAILLARDIA (Blanket Flower)

Annual Varieties.

SPLENDID showy annuals, remarkable for the profusion, size and brilliancy of their flowers, continuing in bloom from early summer till November; excellent for beds, borders or for cutting; should be sown where they are to bloom; 1½ feet.

ANNUAL LÖRENZIANA—Double highly colored as the Perennial. h. A. Price: Pkt., 5c; ¼ Oz., 20c.

ANNUAL LÖRENZIANA—Single, highly colored as the Perennial h. A. Price: Pkt., 5c; ¼ Oz., 20c.

HARDY PERENNIAL VARIETIES—See Novelty Page 48

GERANIUMS

THESE grow readily from seed and produce blooming plants the first Summer. There is a great deal of pleasure in watching them develop from seed, and there is always a chance of securing something new and desirable in that way. g. P.

ZONALE, Mixed—Price: Pkt., 10c; ¼ Oz., 50c.

APPLE-SCENTED—Price: Pkt., 25c.

GLOXINIA

GLOXINIAS are most charming greenhouse plants, of dwarf habit. Their flowers are produced in greatest profusion, and of the most exquisite and gorgeous colors, many of which are magnificently spotted, mottled and blended. Flowers of extraordinarily large dimensions, measuring from 4½ to 5 inches across. 1 foot. g. P.

GIANT HYBRIDS, MIXED—Price: Pkt., 25c.

GODETIA

THEY are of a dwarf habit of growth. The flowers are of handsome shape, in the most brilliant as well as delicate colors, and are produced in marvelous profusion. Of easiest culture. h. A.

Many sorts and colors, mixed. Price:

Pkt., 5c.



Gaillardia.

We pay Postage on Pkts., Oz., ¼ Lb., ½ Pt., in U. S., for pounds, pints, quarts, see Parcel Post rate page 1.

GYPSOPHILA

GYPSOPHILAS are valuable for bouquet-making, either green or dried. They are very graceful, and easily cultivated. Should be in every garden. All flower the first season. G. paniculata continues to bloom for several years. h. A.

PANICULATA (Baby's Breath)—Flowers white. A hardy perennial which will stay in the ground all Winter. Price: Pkt., 5c.

ELEGANS, Pure White—Splendid for carpeting in rose or lily beds. Price: Pkt., 5c.

HELIOTROPE

S. T. L. S. CO.'S GIANT MIXED—Deliciously fragrant, flowering plants; growing about 18 inches high; great favorites for pot culture in the winter or bedding out in the summer. Large umbels of lilac or white flowers are continuously borne. Half-hardy perennial. 1½ feet. Price: Pkt., 10c.

HEUCHERA

THE foliage is evergreen, flowers fiery coral, shading to brilliant crimson, borne on graceful spikes. A charming cut flower. h. P.

SANGUINEA SPLENDENS—Price: Pkt., 10c.

HOLLYHOCKS (5 to 8 feet high.)

NEW EVERBLOOMING DOUBLE ANNUAL—A comparatively new class of easy culture and flowering as quickly from seed as any garden annual. The plants from early sown seed set out in May begin flowering in July; the May sown in August; but in either event they flower profusely until frost. The plants are vigorous in growth and naturally branching in habit, and if given the best of treatment will thrive luxuriantly. The soil should be very rich, deeply dug, and during dry weather watered liberally. There is a great variety of colors and color combinations in this strain, including maroon, pink, rose, crimson, white, cerise, scarlet and many variegations. Price: Pkt., 10c.

ALLEGHENY FRINGED DOUBLE MIXED—Flowers mammoth in size, fringed pink to deep red in color. Blooms very early and continues late. Blooms the first year from seed if sown early. Price: Pkt., 10c.

CHATER'S SUPERB DOUBLE—An extra fine strain. The plants are hardy and large, robust growers; the flowers are not closely huddled up like the other Hollyhocks.

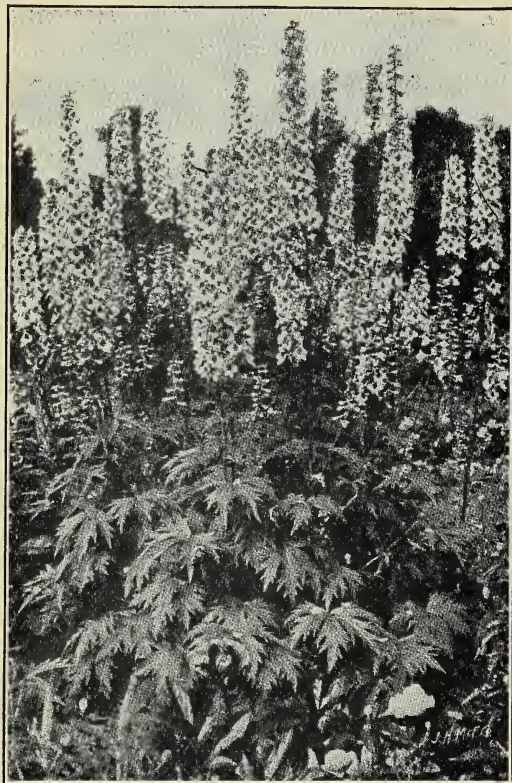
	Pkt.		Pkt.
Double White	10c	Double Rose	10c
Double Crimson	10c	Double Mixed	10c
Double Sulphur Yellow	10c		

DOUBLE MIXED, Ordinary Varieties—Price: Pkt., 5c.

SINGLE MIXED—Many prefer the single-flowering Hollyhocks. They present a very handsome appearance when covered with their artistic blossoms. Mixed. Price: Pkt., 10c.

Hollyhock.





Delphinium.

LANTANA

HYBRIDA—Dwarf Mixed—Of Dwarf growth, they will be found a great improvement upon the newer sort, and a splendid acquisition to our list of window and garden flowers. A plant suitable to outdoor use in Summer and for house culture. Flowers verberna-like in many colors. g. P. Price: Pkt., 5c.

LEMON VERBENA

THE seed of this grand old favorite is very scarce. The leaves are delightfully fragrant and refreshing. Lives from year to year. g. P. Price: Pkt., 10c.

LIATRIS (Blazing Star, or Gay Feather)

MOST showy and attractive hardy perennial native plants, with long spikes of purple and rosy-purple flowers from July to September; 3 to 4 feet. Mixed varieties. Price: Pkt., 10c.

LINIUM (Crimson Flax)

AN UNRIVALED red annual for small groups and bedding. 1 foot. hh. A. Price: Pkt., 5c.

LINARIA

CYMBALARIA (Kenilworth Ivy)—Very pretty new variety, with light green glossy foliage and violet flowers. h. P. Price: Pkt., 10c.

LILY OF THE VALLEY

THIS beautiful flower can be grown from seed, it is perfectly hardy if given a top dressing of well rotted manure during winter months. Price: Pkt., 10c.

LUPINUS

ANNUAL mixed beautiful garden annuals of strong growth. Elegant for groups or bordering. Height 1½ to 3 feet. h. A. Price: Pkt., 5c.

PERENNIAL MIXED—3 h. P. Price: Pkt., 5c.

HIBISCUS

ROBUST garden annuals; large saucer shaped flowers of creamy yellow with purple centers. 2 feet. h. A. **AFRICANUS (Marshmallows)**—Price: Pkt., 5c.

HUNNEMANIA (Bush Escholtzia)

THE plants grow into a shrubby bush, 2 feet high, and produce large cup-shaped flowers.

HUNNEMANIA-FUMARIAE-FOLIA—Yellow. 2-3. A. Price: Pkt., 5c.

ICE PLANT

(*Mesembryanthemum Crystallinum*)

HANDSOME and curious plant for hanging baskets, rock work, vases and edgings. Trailer. t. A. 6 inches. Price: Pkt., 5c.

IMPATIENS SULTANA

THE ZANZIBAR OR SULTAN'S BALSAM—Ideal for either pot or garden culture; a tender perennial that cannot be surpassed. It produces waxy bright flowers almost continually Winter and Summer. Grows about one foot tall, and of a handsome rose color. 2-3 g. P. Price: Pkt., 10c.

KOCHIA (Burning Bush)

FORMS regular pyramids from 2 to 3 feet in height, having a cypress-like appearance. Autumn coloring has given it another name, "Mexican Fire Plant." Plants do best in a sunny exposure about 2 feet apart. h. A. Price: Pkt., 5c.

LARKSPUR (Annual Varieties)

THEY bloom best in a rather cool, moist soil. **DWARF ROCKET MIXED**—The earliest. Price: Pkt., 5c; Oz., 25c.

TALL BRANCHING MIXED—Very effective and showy planted amongst shrubbery or against the fence. 2½ ft. Price: Pkt., 5c; Oz., 30c.

DELPHINIUM (Hardy Perennial Larkspur)

THESE are usually taller than the annuals, requiring more space between the plants.

BELLADONNA—See Nov. Page 48.

CHINESE ALBUM GRANDIFLORUM (White)—2 feet. The stems have many lateral branches with large flowers ranging from pure white to deep indigo blue. Leaves deeply lacinated. Price: Pkt., 5c.

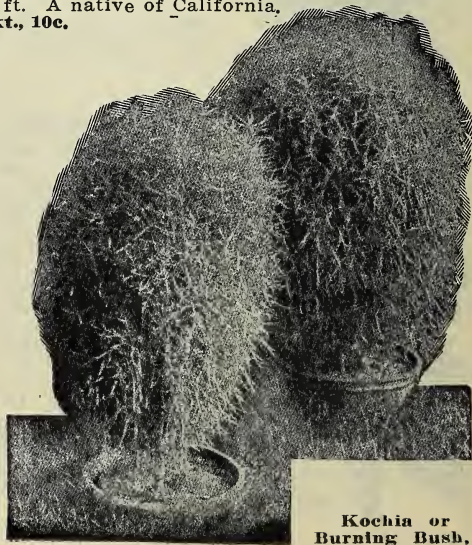
CHINESE AZUREUM GRANDIFLORUM (Blue)—Price: Pkt., 5c.

CHINESE MIXED—Price: Pkt., 5c.

ELATUM DOUBLE MIXED—Very showy. Price: Pkt., 10c.

FORMOSUM—Brilliant Blue, White center; 3 feet. Price: Pkt., 10c.

NUDICAULE—The only pure bright Scarlet. Dwarf and compact in growth, with flower stems of fine length; 1 ft. A native of California. Price: Pkt., 10c.



Kochia or Burning Bush.

LOBELIA

EXTENSIVELY cultivated for bedding, edgings and as a pot plant for indoor decoration. Nothing prettier for window boxes and hanging baskets. t. A.

CARDINALS (Cardinal Flower)—A native variety, with spikes for brilliant scarlet flowers; fine hardy border plant; 3 feet. **Price: Pkt., 15c.**

CRYSTAL PALACE COMPACTA—Large deep blue flowers and bronzy foliage. Of fine, close habit. 6 in. **Price: Pkt., 10c.**

ERINUS GRACILIS TRAILING DARK BLUE—**Price: Pkt., 5c.**

FLORIST'S FAVORITE COMPACTA (Pumila Splendens)—Brilliant dark blue with white eyes. Very dwarf. **Price: Pkt., 10c.**

SAPPHIRE—Great attention has been paid of late years to the floral decoration of balconies and window-fronts, and in addition to Petunias and Ivy-leaved Geraniums used for this purpose, trailing Lobelias are also coming much into demand. This new variety is of remarkably strong growth, and is called Sapphire as the flowers show the wonderful deep blue of this gem. **Price: Pkt., 15c.**

LYCHNIS (Burning Star)

HAAGEANA HYBRIDA—Grand hardy perennials, which grow and bloom year after year, requiring no protection. White rose, vermilion. h. P. **Price: Pkt., 5c.**

MARIGOLD

THE African and French Marigolds are valuable for their flowers in Autumn, and can be grown to advantage in little clumps with other plants in the front of shrubberies or in the garden border. They succeed best in light soil, with full exposure to the sun. h. A.

AFRICAN TALL DOUBLE MIXED—Taller than the French, and the flowers are larger. 2 feet. **Price: Pkt., 5c.**

FRENCH DWARF DOUBLE MIXED—Many striped and blotched. Earlier than the African. 1 foot. **Price: Pkt., 5c.**

LEGION OF HONOR—Single golden yellow blossoms marked with red. **Price: Pkt., 5c.**

ORANGE PRINCE—A high bred type, bearing densely double flowers of a rich deep golden-orange color; very showy. **Price: Pkt., 5c.**

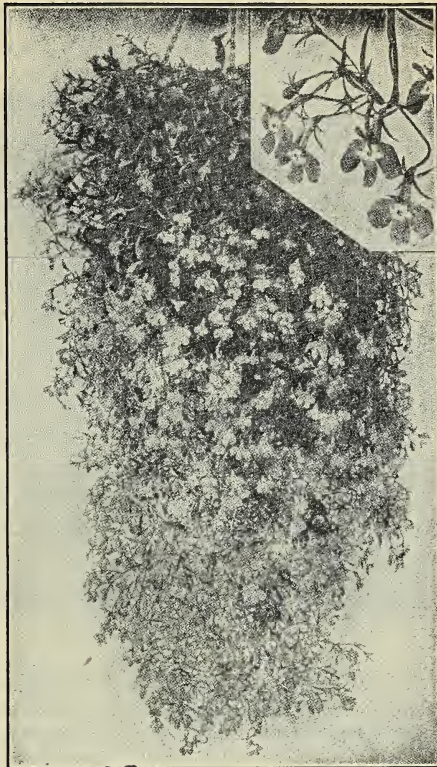
LEMON QUEEN—Another fine variety, with soft lemon-yellow flowers, and forming a fine contrast to the preceding. **Price: Pkt., 5c.**

MIMULUS

OR MONKEY FLOWERS—Admirable pot plants. The Color and markings of the large Gloxinia-shaped flowers are rich in the extreme, ranging through crimson, maroon, yellow, white and pink, beautifully spotted and blotched.

TIGRINUS MIXED—One foot. 1-3. **Price: Pkt., 10c.**

MOSCHATUS (Musk Plant)—Foliage emits a strong musky perfume; yellow. 1 foot. 1-3 h. A. **Price: Pkt., 5c.**

**Lobelia Sapphire.****MIMULUS****MIGNONETTE**

THIS is one of the grandest garden flowers ever produced, and no garden is complete without an assortment of the following varieties. The colors of the florets vary on account of the density of the florets and spikes, thus presenting almost solid columns of brilliant contrasted colorings against the healthy, rich green foliage. The fragrance is delightfully rich and powerful. For cutting they are superb, remaining fresh for 8 to 10 days in water. h. A.

ALLEN'S DEFIANCE—Will throw flower stalks of a foot in length and of an unequalled delicious fragrance. Good forcing variety under glass. 1½ feet. **Price: Pkt., 5c.**

BISMARCK—Can best be described as an improved Machet. Good for florists. Has stout stalks, dark cream crimped foliage. **Price: Pkt., 5c.**

RED GOLIATH—The spikes of flowers are immense, measuring 6 to 8 inches long by 2½ inches in diameter, and are compactly filled with giant florets, measuring ½ inch across and packed full, even in the center, with anthers, or three times as many as other Mignonettes. The fragrance is delightfully rich and powerful. For cutting it is perfect, remaining fresh for 8 to 10 days in water. **Price: Pkt., 5c.**

RUBY MACHET—A dwarf compact variety with large stubby spikes covered with copper red flowers, with good foliage close up to the flower. Having an elegant fragrance that is pleasing to all. **Price: Pkt., 5c.**

LARGE FLOWERING—Mixed. **Price: Pkt., 5c.**

MACHET—Of dwarf pyramidal growth, bearing numerous flower stalks; highly colored and very fragrant; one of the best. **Price: Pkt., 5c.**

NEMOPHILA

SPLENDID annuals for garden decorations; bright colored flowers, in shades of blue, white and violet. 1 foot. h. A.

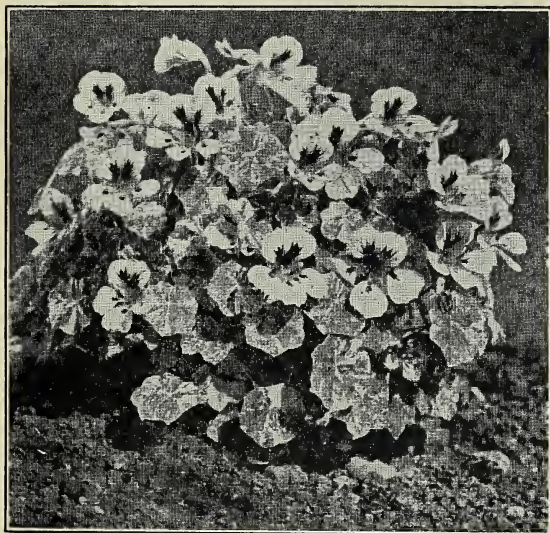
FINEST MIXED—**Price: Pkt., 5c.**

**MIGNONETTE**

NASTURTIIUMS

DWARF VARIETIES

FOR ease of culture, duration of bloom, brilliancy of coloring, and general excellence, nothing excels Nasturtiums. Few plants are more easily grown or remain longer in bloom than this with its large shield-shaped leaves and beautifully irregular flowers having long spurs and brilliantly colored petals. In favorable soil flowers are produced in abundance throughout the season. Seed is usually sown outdoors as soon as the weather is warm and settled, in the row where the plants are to remain. Well pulverized soil preferably well drained and moderately rich, should be used and the seed covered with about one inch of fine soil firmly pressed down. A sunny situation is essential for free blooming. If the soil is very rich the plants give a large amount of foliage, but few flowers. For earlier blooming, start indoors and transplant to the open ground after danger of frost is over. Much used for window boxes. Nasturtiums are usually free from insects of any kind.



Shaw's Garden Hybrids.

SHAW'S GARDEN HYBRIDS

THE prettiest strain of Dwarf Nasturtiums Worth ten times the price of the ordinary mixed. There's really no comparison in the beauty and color of the flowers. They are larger, produced in greater profusion, with longer stems, and in colors much more varied in the hundreds of beautiful shades not found in any other mixture.

We are confident that this will become the only Nasturtium mixture that will be sown by all our customers. Price: Pkt., 5c; Oz., 15c; ¼ Lb., 50c; Lb., \$1.50. Postpaid.

HYBRIDS OF MME. GUNTHER

THE RICHEST STRAIN OF ALL—These new Hybrids make a strong growth, climbing about six feet and covered from Spring to Fall with large substantial flowers of the most brilliant shades. Price: Pkt., 5c; Oz., 15c; 2 Oz., 25c; Lb., \$1.50. Postpaid.

LOBB'S CLIMBING SORTS

	Pkt.	Oz.
Asa Gray. A beautiful yellow and white	\$0 05	\$0 15
Black Prince. Black climber.....	05	15
Brilliant. Dark scarlet.....	05	15
Crown Prince of Prussia. Similar to the above, only a beautiful blood red	05	15
Lucifer. Splendid scarlet, very dark....	05	15
Mercier Lacombe. Purplish violet.....	05	15
Margaret. A very pretty yellow and white variety	05	15
Regina. The favorite salmon-colored variety	05	15
Zanderl-Nigrum. Black, red, dark red..	05	15

DWARF OR TOM THUMB VARIETIES

THE dwarf Nasturtiums will always be general favorites, for the reason that they stand any amount of heat and drought, growing vigorously and flowering freely.

	Pkt.	Oz.
Aurora. Salmon-rose	\$0 05	\$0 15
Beauty. Light scarlet, splashed canary.....	05	15
Cloth of Gold. Rich scarlet.....	05	15
Chameleon. Splashed Crimson, bronze and yellow	05	15
Golden Midnight. Dark purple.....	05	15
Empress of India. Brilliant crimson; dark foliage	05	15
King Theodore. Scarlet-maroon; dark foliage	05	15
Golden King. Rich, golden yellow.....	05	15
Lady Bird. Orange-yellow; red spots....	05	15
Purpureum. Cattell's crimson.....	05	15
Pearl. Pure white	05	15
Regelianum. Deep, purplish-crimson....	05	15
Ruby King. Light ruby-red.....	05	15
Vesuvius. Salmony rose, dark foliage..	05	15
Mixed. Finest variety.....lb.	\$1. 05	10
COLLECTION—1 Pkt. each of 12 of these varieties		\$0 40

TALL OR CLIMBING VARIETIES

BEAUTIFUL and luxuriant annual climbers for trellises, arbors or vases, bearing their gorgeous flowers in profusion until killed by frost.

	Pkt.	Oz.
HEINEMANNII. Chocolate Colour.....	\$0 05	\$0 15
King Theodore. Velvety dark crimson; dark foliage	05	15
Pearl. Cream-white	05	15
Prinz Heinrich. New, cream-color, spotted red	05	15
Schulzi. Scarlet	05	15
Regelianum. Purplish violet.....	05	15
Von Moltke. Bluish rose	05	15
Vesuvius. An exquisite shade of salmon	05	15
Finest Tall Mixed.....	05	10
COLLECTION—12 varieties		40

NICOTIANA (Ornamental Tobacco)

A BEAUTIFUL hardy annual, fine for its sweet-scented flowers and ornamental leaves. h. A.

AFFINIS—An annual with sweet-scented, pure white star-shaped flowers, 3 inches across, blooming continually. 2 to 3 feet high. **Price:** Pkt., 5c.

NICOTIANA SANDERAE—A Brazilian novelty, the entire bush being covered with large brilliant carmine red flowers. Height of about 2 feet. An ideal plant to be used for bordering and bedding purposes, as is *Salvia*, its graceful and copiously branching habit making it one of the most handsome flowers. It is of a decidedly sweet odor. **Price:** Pkt., 10c.

NIGELLA

(Love in a Mist or Devil in the Bush)

A COMPACT free-flowering plant with finely cut foliage, curious looking flowers and seed pods; of easy culture, growing in any garden soil; hardy annuals; blue and white mixed; 1 foot. h. A.

DAMASCENA—The finest *Nigella*. **Price:** Pkt., 5c.

OENOTHERA OR EVENING PRIMROSE

THESE are among our most beautiful plants for mixed garden beds and borders. They grow in branching form 1 to 2 feet in height and produce freely and continuously large single Poppy-like flowers of white, yellow, rose color, etc. The blossoms open early every evening and last well into the following day. They are of the easiest culture in any sunny situation. Mixed Annual Varieties. **Price:** Pkt., 5c.

PENTSTEMON (Beard Tongue)

HIGHLY useful and attractive hardy perennial, and much used in the hardy border.

GIANT FLOWERING MIXED—As a bedding plant this takes rank with the *Petunia*, *Phlox*, etc. It grows about 2 feet high, every branch being a spike of large, *Gloxinia*-like flowers in a very wide range of bright colors, including rose, red, carmine, cherry, pink, lilac, purple, etc. Not quite hardy, and best treated like *Petunias*, *Verbenas*, *Salvia*, etc. **Price:** Pkt., 10c.

PERILLA

LACINIATA—A beautiful showy plant. Highly prized for its foliage, producing leaves similar to the *Coleus*. 1½ ft. 2 h. A. **Price:** Pkt., 5c.

PHYSOSTEGIA

(False Dragon Head)

VIRGINICA—One of the prettiest hardy perennials, and gaining in popularity as it becomes better known. It forms dense bushes, 3 to 4 feet high, bearing freely during the summer months spikes of delicate pink tubular flowers not unlike a gigantic heather. **Price:** Pkt., 10c.

PHACELIA

CAMPANULARI—Flower a rich deep blue; height 1 to 2 feet. 2 h. A. Excellent for bees. **Price:** Pkt., 5c.

PHYSALIS

(Chinese Lantern Plant)

FRANCHETI—An ornamental variety of the Winter-Cherry, forming dense bushes about 2 feet high, producing freely its bright orange-scarlet lantern-like fruits; highly interesting. **Price:** Pkt., 10c.

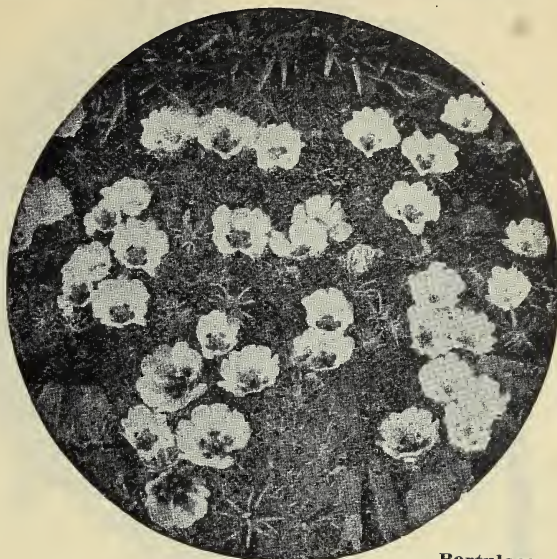
PLATYCODON

(Chinese Bell Flower)

HARDY perennials bearing large, broad, bell-shaped white or blue flowers, very handsome for garden decoration. 1½ feet. The *Nana Compacta* or "Mariest" type form sturdy little bushes only about 12 inches high and are profuse bloomers. 2 h. P.

GRANDIFLORUM—Color blue, very hardy. Height 2 feet. **Price:** Pkt., 5c.

GRANDIFLORUM—White. **Price:** Pkt., 5c.



Portulaca.

PORTULACA

SOMETIMES called Rose Moss. Few flowers make such a dazzling display of color in the bright sunshine as a bed of *Portulacas*. The glossy cup-shaped single flowers and rose-like double flowers, about one inch across, range through many shades of red, white, pink, orange, yellow, striped, etc. Plants low growing or creeping with thick, fleshy stems tinged with red and small quill-shaped leaves. Desirable also for edgings. They are in bloom through a long season. Sow seed outdoors, after weather is warm and settled, where the plants are to stand in rows of one foot apart.

LARGE FLOWERING, SINGLE MIXED—**Price:** Pkt., Each, 5c; Oz., 40c.

DOUBLE FINE MIXED—All colors mixed. **Price:** Pkt., 10c; ½ Oz., \$1.50; Oz., \$2.75.

POTENTILLA (Flowering Strawberry.)

A BEAUTIFUL flowering plant; flowers from yellow to bright red. Leaves resemble strawberry plants. An unexcelled plant for border and naturalizing effect. 1 ft. h. P. Double sorts mixed. **Price:** Pkt., 10c.

HARDY PRIMROSES

THESE are among the best of the early spring-blooming plants. With a slight protection they will stand the winter, but will do better if protected by a cold frame.

AURICULA—Beautiful low-growing early Spring-flowering plants, fine for borders, pot culture, etc.; the fragrant flowers of many rich colors are borne in clusters on the top of stalks 4 to 6 inches long. **Price:** Pkt., 10c.

VULGARIS (English Primrose)—Canary-yellow, fragrant. **Price:** Pkt., 10c.

POLYANTHUS VERIS—Showy, early spring, free-flowering plants, fine for either pot or outdoor culture; hardy perennials; 9 inches. **Price:** Pkt., 10c.

PRIMULA (Primrose)

ORCONICA GRANDIFLORA—This is one of the most useful flowering plants. If sown early in the Spring the seedlings will commence to bloom in May or June and continue to flower throughout the whole year. h. P.

Pure white, shaded lilac. P. **Price:** Pkt., 10c.

CHINENSIS (Chinese Primrose)—The culture of these lovely flowers is much easier than most people think. Our mixture includes all the choicest colors of the single flowering *Primulas* in all their dainty shadings. Large flowering and fern-leaved mixed. **Price:** Pkt., 25c.

PANSIES

LARGEST FLOWERING VARIETIES.

SOW the seeds in drills, covering them not more than four times their diameter and firming the soil well above them.

Seeds sown in April or May will produce blooming plants by the last of June, which will give an abundance of flowers throughout the remainder of the season. About the middle of August is the best time for starting Pansy seeds for early spring blooming.

NEW EXHIBITION—This wonderful Giant Pansy we offer as our leader. We challenge its equal from and seed house, grower or originator. The colorings of this Pansy are mixed, there being no end to the numerous shades which nature has endowed upon this gigantic marvel, every petal being a veritable display of shades and coloring in itself. **Price: Pkt., 25c; ½ Oz., \$5.00.**

ST. L. S. CO.'S "NONPAREIL" MIXTURE—This is certainly one of the grandest collections of the rarest and most beautiful varieties of Pansies. There is no end to the countless shades of color with which nature has endowed this mixture. The flowers are of large size and the plants grow more compactly bushy than other mixtures. We have the best mixtures of the European specialists who raise it. **Price: Pkt., 20c; ½ Oz., \$4.00.**

TRIMARDEAU GIANT MIXED—Extra large flowers, but not of such perfect form as the Imperial German. Most of the flowers have three large blotches or spots. **Price: Pkt., 10c; ½ Oz., \$1.50.**

BUGNOT'S GIANT MIXTURE—One of the richest mixtures imaginable; contains the finest blotched varieties; of large size and exquisite coloring. **Price: Pkt., 15c; ½ Oz., \$4.00.**



St. L. S. Co.'s "Nonpareil" Mixture.

CASSIER'S GIANT, MIXED—One of the largest blotched varieties with petals of the finest coloring. **Price: Pkt., 20c; ½ Oz., \$4.00.**

ST. L. S. CO.'S LARGE FLOWERING, MIXED—An extra fine strain. Plants compact and produce flowers in great variety of colors. **Price: Pkt., 10c; ½ Oz., \$1.25.**

MASTERPIECE—This grand new giant Pansy is remarkable in having the borders of the petals waved or frilled, which gives the flower an almost double appearance; the type is altogether novel and distinct. **Price: Pkt., 15c; ½ Oz., \$4.00.**

IMPERIAL GERMAN GIANT, MIXED—They embrace all the solid or self-colors, delicately shaded of various colors, dark and light marbled varieties, flowers with clear, distinct eyes, striped flowers of striking beauty and vividly colored fancy varieties. **Price: Pkt., 15c; ½ Oz., \$3.00.**

FINE MIXED—**Price: Pkt., 5c; ½ Oz., 75c.**

SEPARATE COLORS

All Giant-Flowered Varieties.

A DONIS—Soft lavender blue. **Price: Pkt., 10c.**

FIRE KING—Bright reddish brown. **Price: Pkt., 10c.**

KING OF THE BLACKS (Faust)—Pure jet black. **Price: Pkt., 10c.**

LORD BEACONSFIELD—Lavender and violet. **Price: Pkt., 10c.**

SNOWFLAKE—White. **Price: Pkt., 10c.**

EMPEROR WILLIAM—Ultramarine-blue. **Price: Pkt., 10c.**

GOLD ELSIE—Clear yellow. **Price: Pkt., 10c.**



St. L. S. Co.'s "Nonpareil" Mixture.

SPECIAL OFFER TO PANSY LOVERS

THIS diagram, when properly laid out as shown in illustration, and sown with the following named varieties as per their respective numberings, will produce one of the most striking sights obtainable in the floral world:

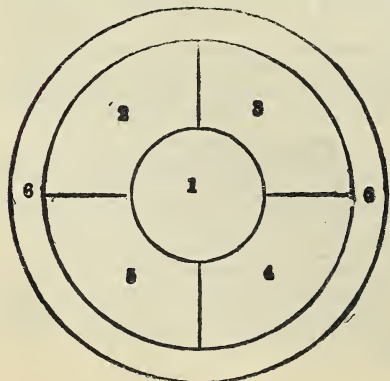
No. 1. Snowflake. Price	Pkt., 10c
No. 2. Faust. Price	Pkt., 10c
No. 3. Lord Beaconsfield. Price	Pkt., 10c
No. 4. Fire King. Price	Pkt., 10c
No. 5. Emperor William. Price	Pkt., 10c
No. 6. Gold Elsie. Price	Pkt., 10c
Total	60c

This collection will produce a bed 6 feet in diameter.

In order that everyone may try this magnificent collection, we will send the 6 packets, as described, for only 40c.

Pansy Plants Ready April 1st.

Price: 6 Plants, 25c; 12 for 50c. (By Express Only.)



PETUNIA

ONE of our most popular annuals, of the easiest culture, thriving in almost any soil and frequently seeding itself and coming up the following year.

DWF. FRINGED MIXED—See Page 48.

VIOLET—See Page 48.

GIANTS OF CALIFORNIA—The richest colors, the largest flowers and the finest markings of all Petunias. Flowers of gigantic size, many of them measuring 5 inches in diameter, and of an astonishing variety of colors. They embrace every conceivable shade of crimson, pink, lavender, pure white, etc., with a diversity of beautiful throat veinings. **Price: Pkt., 15c.**

HOWARD'S STAR—A beautiful free-flowering strain, color crimson, maroon with a clearly-defined five pointed star of bluish-white. For bedding, baskets, vases, etc., this is exceptionally fine. **Price: Pkt., 10c.**

SNOWBALL—A fine compact sort, producing its pure satiny-white flowers throughout the entire season. **Price: Pkt., 10c.**

DOUBLE LARGE-FLOWERING FRINGED, MIXED—The grandest strain of Petunias. Flowers of immense size and variety. **Price: Pkt., 25c.**

DWARF MIXED—Splended dwarf varieties; large flowering. **Price: Pkt., 10.**

EXTRA CHOICE MIXED—A very choice strain, partly made up from named large-flowering sorts, which will give the greatest variety of colors. **Price: Pkt., 10c.**

PETUNIA INFLATA—A small, but very profuse flowering, well shaped trailing Petunia, producing branches of 2½ to 3 feet in length, thickly set with fragrant flowers, 1 inch across, of a lovely purplish carmine color with reddish violet throat. **Price: Pkt., 15c.**

ROSY MORN—Soft carmine pink with white throat; makes a very dainty and at the same time effective border. **Price: Pkt., 10c.**

FINE MIXED—Good bright colors. **Price: Pkt., 5c; ¼ Oz., 25 cts.**



Giant of California, Petunia.

PHLOX

IT OCCUPIES a first place as a garden annual, being one of the most brilliant and at the same time one of the easiest and most satisfactory plants, which can readily be grown from seed. It will grow and thrive in any kind of soil if given a sunny position, but prefers a light, rich loam. Seed may be sown in the open ground any time after danger from frost is past, and in a few weeks they are a sheet of bloom, remaining so until frost.

STARRED AND FRINGED MIXED—Very odd and pretty effect. **Price: Pkt., 5c.**

LARGE FLOWERING—This important strain is not only notable for variety and brilliancy of colors, but also for the perfection and size of flowers, which are very large and round, the petals overlapping each other. **Mixed. Price: Pkt., 10c; ½ Oz., 50c.**

FINE MIXED—Bright, showy flowers. Good for cutting 1 foot **Price: Pkt., 5c; ½ Oz., 25c.**

DWARF PHLOX—This strain grows only 6 inches in height. Plants form round, compact bushes, and are thickly studded with bright, showy flowers, like the taller variety in all colors. Splendid for bedding, edging and pot culture. **Price: Mixed Pkt., 5c.**

HARDY PERENNIAL PHLOX—Fine herbaceous perennial for beds or mixed borders. **Mixed. Price: Pkt., 10c; ½ Oz., \$1.00.**

DOUBLE PHLOX

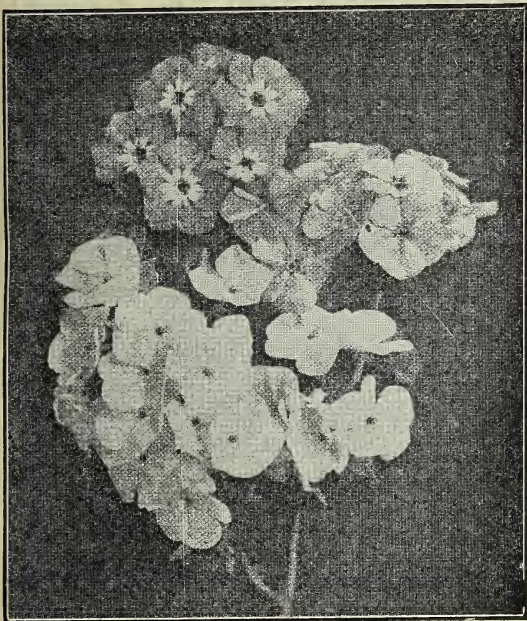
ESPECIALLY desirable for cut flowers, lasting better than the single sorts. To produce the best results they should be grown in a light soil. Finest mixed colors. **Price: Pkt., 10c.**

PYRETHRUM

(Feverfew) 2, 3; h. A.

ROSEUM HYBRIDEUM GRANDIFLORUM—Flowers of enormous size, ranging in color from light pink and rose to deep carmine. **Price: Pkt., 10c.**

AUREUM (Golden Feather)—Yellow foliage. **Price: Pkt., 5c.**



Phlox.



Poppy—Carnation Flowered.

RUDBECKIA (Cone Flower)

FULGIDA—An effective hardy perennial sort, producing in masses during August and September brilliant orange-yellow flowers; 3 feet. Price: Pkt., 5c; ½ Oz., \$1.00.

HELIANTHUS (Giant Cone-Flower)—A most interesting hardy perennial, producing all summer large, showy, red-dish-yellow flowers; about 3 inches across, with a remarkably large cone-shaped centre of brown; thickly set with golden tips. Price: Pkt., 10c.

RICINUS (Castor Oil Bean)

ORNAMENTAL plants of stately growth and picturesque foliage, with brilliant colored fruit, producing subtropical effect; fine for lawns, massing or center plants for beds.

SANGUINEUS—Blood-red stalks and clusters of red fruit; 8 feet. Price: Pkt., 5c; Oz., 15c.

ZANZIBARIENSIS—Surpasses all in size and beauty of colors, which include glaucous-green, coppery brown, metallic red, brownish purple, red maroon and bronze, 8 to 10 feet. Price: Pkt., 5c; Oz., 15c.

BORBONIENSIS ARBOREUS—The tallest of the Ricinus family. 15 feet. Price: Pkt., 5c; Oz., 15c.

CAMBODGENSIS—A beautiful black-leaved specie, a handsome foliage. Price: Pkt., 5c; Oz., 15c.

GIBSONI—Purplish leaves and stems. 6 feet. Price: Pkt., 5c; Oz., 15c.

MIXED SORTS—Price: Pkt., 5c; Oz., 10c.

ROSE CAMPION

AGROSTEMMA CORONARIA—Exceedingly handsome and free-flowering. Rose pink. h. P. 1½ feet. Price: Pkt., 5c.

SALPIGLOSSIS (Painted Tongue)

AS POT plants they are elegant and for cut flowers for vase and bouquets they are unsurpassed. 2-3. H. H. A. **LARGE FLOWERING (Painted Tongue)**—Yellow, rose, scarlet, light blue, purplish violet mixed. Price: Pkt., 5c.

POPPIES

ANNUAL Poppies should be sown as early in the spring as possible where they are to remain, as they do not stand transplanting. Sow very thinly. If they come up too thickly they must be thinned out to stand 3 to 4 inches or more apart if you wish best results.

ADMIRAL POPPY—A single Paemony-flowered variety of surpassing beauty, having large, smooth-edged flowers of glistening white, with a broad band of brilliant scarlet around the top. These two colors form a very striking contrast, and when planted in groups produce a magnificent effect. Price: Pkt., 5c.

DAINTY LADY—Flowers, 4 to 5 inches across, of a charming mode shade of rosy mauve, with a large dark metallic blotch at the base of each petal. Price: Pkt., 5c.

DANE BROG. OR DANISH CROSS—Very showy variety, producing large flowers of brilliant scarlet, with a silvery-white spot on each petal, forming a white cross. Price: Pkt., 5c.

DOUBLE CARDINAL—Round as a ball, red as fire. The flowers are of very large size and finely fringed. In color it is a glowing cardinal scarlet of attractive brilliancy, and the long duration of its blooming period makes it a very desirable variety indeed. Height, 16 inches. h. A. Price: Pkt., 5c.

DOUBLE CARNATION-FLOWERED—Large, showy flowers. 2 feet. h. A. Mixed. Price: Pkt., 5c; ½ Oz., 15c.

SHIRLEY-MIXED—This magnificent species sports to numberless shades of color, from pure white to rose pink, carmine and deepest crimson. h. A. Price: Pkt., 5c; ½ Oz., 20c.

TULIP FLOWERED SCARLET—Large bright scarlet flowers. The two outer petals of the flower form a tulip cup. Strikingly beautiful. About 1 foot. h. A. Price: Pkt., 5c; ½ Oz., 25c.

HARDY PERENNIAL POPPIES

ORIENTAL Poppies should be sown in early spring in the open ground as it is fit to work.

ICELAND LACINATED MIXED—White, salmon, rose and orange, with yellow stamens. Petals delicately lacinated and fringed. Dwarf h. P. Price: Pkt., 10c.

ORIENTAL HYBRIDS—Large, showy flowers, ranging in color from orange-scarlet to crimson. Very brilliant. h. P. About 2½ feet. Price: Pkt., 10c.

"It Pays to Plant the Best"



Ricinus or Castor Oil Plant.

SALVIA

(Flowering Sage) H. H. A.

ONE of our most handsome summer and autumn-flowering plants, growing into compact bushes about 3 feet high and literally ablaze with brilliant flowers; very effective for massing on the lawn and for garden decorations. Half-hardy perennial.

ST. LOUIS—See Nov. Page 49.

BOUQUET ROSE—A new variety with spikes of rich rosy-red. **Price: Pkt., 15c.**

FIREBALL—The most compact type of Salvia yet introduced. Splendid for beds or borders, of somewhat dwarf habit. **Price: Pkt., 15c.**

ZURICH—A splendid dwarf variety, growing about 2 feet high, and is especially valuable on account of being the earliest to bloom, flowering 10 days in advance of any other sort and among the most brilliantly colored of garden, flowers and extremely useful for bedding. **Price: Pkt., 15c.**

PATENS (Blue Sage)—A much improved strain of the Salvia. It forms a globular, strong branching bush of from 2 to 3 feet high. Its long, strong, ultramarine blue, very showy panicles are borne erectly and freely above the luxuriant dark green foliage used mostly for a border plant. **Price: Pkt., 10c.**

SPLENDEN'S GRANDIFLORA, SCARLET—A rich-flowered bedder. 3 feet. **Price: Pkt., 5c; ½ Oz., \$1.50.**

BONFIRE—Our well-known compact Salvia—the freest blooming of all, seemingly on fire all the time with dense, flaming scarlet spikes. 2½ feet. **Price: Pkt., 10c.**

SENSITIVE PLANT

(*Mimosa Pudica*)

ACURIOUS and interesting plant with pinkish white flowers; the leaves close when touched or shaken. 1½ feet. The favorite variety. 2-3; t. A. **Price: Pkt., 5c.**



Stocks.



Salvia.

SILENE (Catchfly)

AN EFFECTIVE garden annual, forming compact, round bushes, 6 inches high, which during the summer, are covered densely with flowers of white, pink or red. For low beds or edgings it is very pretty. Mixed colors. **Price: Pkt., 5c.**

SCHIZANTHUS

(Butterfly or Fringe Flower)

THIS is one of the airiest and daintiest flowers imaginable, especially adapted to bordering beds of taller flowers and those of a heavier growth. The seeds germinate quickly and come into bloom in a few weeks from sowing. If a continuous show of bloom is desired, it will be well to make sowings of seed in a sheltered bed and transplant into the borders as required. The Schizanthus make admirable pot plants for the house, and are charming for window boxes in winter.

LARGE-FLOWERED MIXED—As pretty as miniature Orchids. Exceedingly profuse bloomers. Forming compact pyramidal plants a foot high, literally covered with large beautiful orchid-like flowers in a bewildering range of color. **Price: Pkt., 5c; ½ Oz., 50c.**

SOLANUM

(Jerusalem Cherry)

THIS is a very useful pot plant for winter decoration. It is of the dwarf branching habit; leaves small and oval-shaped, bearing in the greatest profusion bright, scarlet, globular berries. Very ornamental. 1 foot. 2-3. t. A.

CAPSICASTRUM NANUM—A beautiful decorative variety. **Price: Pkt., 5c.**

GIANT-FLOWERING STOCKS

AMAGNIFICENT, recently developed strain of early-flowering Stocks, forming much-branched plants about 2 feet high, and having numerous spikes of very large, double, delightfully fragrant flowers.

	Pkt.		Pkt.
Light Blue	\$0.10	White	\$0.10
Canary Yellow ..	.10	Rose .....	.10
Red .....	.10	Mixed .....	.10
Purple .....	.10		

DOUBLE GERMAN MIXED—The best for ordinary outdoor planting. **Price: Pkt., 5c.**

WINTER OR BROMTON MIXED—Remove the plants indoors for winter blooming. **Price: Pkt., 15c.**

ST. LOUIS SEED COMPANY'S SPENCER OR BUTTERFLY SWEET PEAS

CULTURE OF SWEET PEAS—One of the methods which has been followed with excellent results. The soil for Sweet Peas should be rich and deep. Loam with plenty of well-rotted manure in it, is the ideal soil for raising good plants that will produce plenty of blooms of good substance. Peas may be sown in single or double rows, but care should be taken not to sow too thickly. Plant 3 inches deep. When plants begin to show about 6 inches above the soil, a light dressing of bone meal is strongly recommended and a liberal supply of water should be given. As soon as the vines reach a height of about 8 inches, proper trellis or other supports should be provided. Sow as soon as frost is out of the ground. Where sown in fall for early spring blooming, care should be taken to see that the location is a fairly dry one.

The Spencer Waved Sweet Pea is a distinct advance in the development of the Sweet Pea. No modern garden is complete without this grand type. The chief characteristic of the Spencer Sweet Peas is their robust growth, plants frequently attaining a height of 6 to 10 feet, requiring a foot of space in the row for each plant to fully develop. The flowers are gracefully formed; both standard and wings are larger than in the Grandiflora type, flowers often measure 2 to 2½ inches in diameter and are borne on stems 18 inches long, with four blooms. We have listed below all varieties of the Spencers that we catalogue.

APPLE BLOSSOM SPENCER—Standard rose, wings light carmine. Price: Pkt., 10c; Oz., 25c; ¼ Lb., 75c.

ASTA OHN SPENCER—Soft pinkish lavender. Price: Pkt., 10c; Oz., 25c; ¼ Lb., 75c.

AURORA SPENCER—White ground, striped and flaked orange-pink. Price: Pkt., 10c; Oz., 25c; ¼ Lb., 75c.

BLANCHE FERRY SPENCER—Standards rose, wings white. Price: Pkt., 10c; Oz., 25c; ¼ Lb., 75c.

COUNTESS SPENCER—Bright shade of pink. Price: Pkt., 10c; Oz., 25c; ¼ Lb., 75c.

FLORA NORTON SPENCER—Bright blue, slight purple tint. Price: Pkt., 10c; Oz., 25c; ¼ Lb., 75c.

HELEN LEWIS SPENCER—Fine orange-salmon-pink. Price: Pkt., 10c; Oz., 25c; ¼ Lb., 75c.

HERCULES SPENCER—Might well be described as a giant or larger Countess Spencer. Price: Pkt., 10c; Oz., 30c; ¼ Lb., \$1.00.

ILLUMINATOR SPENCER—A very pleasing color; ground of salmon, orange with rich bright cerise-pink. Flowers of excellent texture and size. A beautiful new creation. Price: Pkt., 10c; Oz., 30c; ¼ Lb., \$1.00.

KING EDWARD SPENCER—A pure red Spencer. Special strain. Price: Pkt., 10c; Oz., 25c; ¼ Lb., 75c.

KING WHITE SPENCER—The finest pure white Sweet Pea ever offered. The vines are extremely strong, flowers the largest, of the finest frilled type, while the color is of the purest white, and eclipses all other white Sweet Peas. Price: Pkt., 10c; Oz., 40c; ¼ Lb., \$1.50.

OTHELLO SPENCER—Glossy maroon. Price: Pkt., 10c; Oz., 25c; ¼ Lb., 75c.

MARGARET MADISON SPENCER—A self-colored clear azure-blue; exquisite. Price: Pkt., 10c; Oz., 40c; ¼ Lb., \$1.50.

MRS. CUTHBERTSON SPENCER—Standard clear rose-pink, wings white, with faint blush of pink. Special strain. Price: Pkt., 10c; Oz., 25c; ¼ Lb., 75c.

MRS. WALTER WRIGHT SPENCER—Beautiful shade of mauve. Price: Pkt., 10c; Oz., 25c; ¼ Lb., 75c.

PRINCE OF WALES SPENCER—(Marie Corelli.) A brilliant rosy-red of exceptional large size. Price: Pkt., 10c; Oz., 25c; ¼ Lb., 75c.

PRIMROSE SPENCER—Morse's Extra select strain. The finest of its class, clear primrose color, fine large wavy standard and wings; white seeded. Price: Pkt., 10c; Oz., 25c; ¼ Lb., 75c.

ROSABELLE SPENCER—Attractive; rose-crimson color with a distinct white blotch at the base of the standard and wings; perfect form; very much waved. Price: Pkt., 10c; Oz., 25c; ¼ Lb., 75c.

ROYAL PURPLE SPENCER—A new shade in Sweet Peas, a rich purple and almost a true royal purple. The same shade does not exist in the grandiflora type. Price: Pkt., 10c; Oz., 40c; ¼ Lb., \$1.50.

TENNANT SPENCER—A curious purplish mauve. Price: Pkt., 10c; Oz., 25c; ¼ Lb., 75c.

WHITE SPENCER—Splendid, uniform white. Price: Pkt., 10c; Oz., 40c; ¼ Lb., \$1.50.

WEDGEWOOD SPENCER—Producing usually four flowers to a stem, of a unique shade of Wedgewood blue, and the finest Spencer form. Price: Pkt., 10c; Oz., 40c; ¼ Lb., \$1.50.

ST. L. S. CO. SPENCER MIXTURE

IN OFFERING you this mixture of all the latest introductions, these "Spencers" include the best of the "Spencer" varieties introduced previously to this year and also entirely new shades. Price: Pkt., 5c; Oz., 15c; ¼ Lb., 50c.

SELECT UNWIN SWEET PEAS

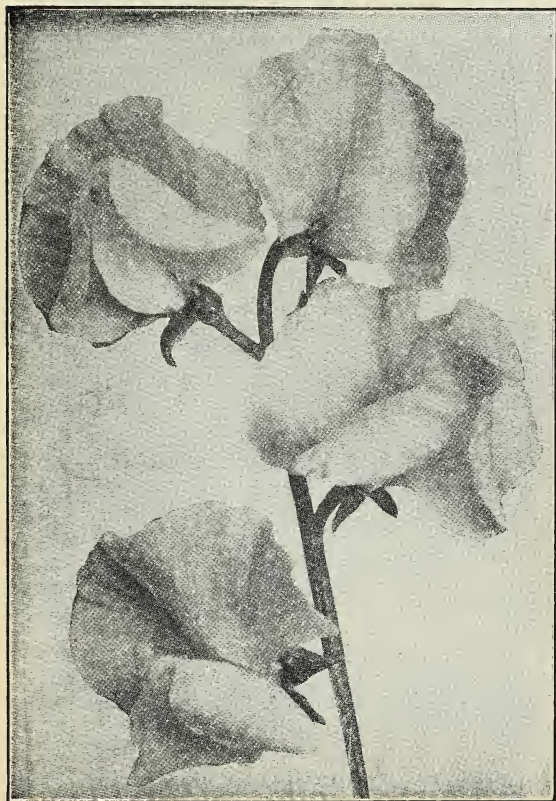
ALTHOUGH of distinct origin, Gladys Unwin is nearly of the same type as the Countess Spencer, but the flowers are not so large. These seedling varieties resemble the parent and generally come uniformly waved and fluted.

NORA UNWIN—Beautiful, large white; three flowers frequently come to the stem. Price: Pkt., 10c; Oz., 20c; ¼ Lb., 60c.

FRANK DOLBY—A lovely light lavender-blue, one of the best in its color; bold, wavy standard and widely spreading wings. Price: Pkt., 10c; Oz., 20c; ¼ Lb., 60c.

GLADYS UNWIN—A bold flower with a striking, upright standard which is crinkled and waved; broad wings. Of a lovely light pink. Price: Pkt., 10c; Oz., 20c; ¼ Lb., 60c.

PHYLLIS UNWIN—Beautiful, large flowers, borne on long, stout stems, which carry three or four flowers each; of an exquisite rose-color throughout. Price: Pkt., 10c; Oz., 20c; ¼ Lb., 60c.



SELECT GRANDIFLORA SWEET PEAS

NO GARDEN is too small for a row of Sweet Peas and no estate, however extensive or magnificent, should fail to include many varieties of this most popular flower. Its long blooming season usually extends from early summer until very hot, dry weather, and no other climber equals it for cutting, either for use in bouquets or for table decoration. Hundreds of varieties have been offered for sale by seedsmen, but owing to recent marked improvements many sorts are decidedly inferior and have been dropped from our list. In describing varieties, by "standard" is meant the wide petal at the top of the flower; the "wings" are the two petals below.

AURORA—White, magnificently flaked and striped orange. Price: Pkt., 5c; Oz., 15c; ¼ Lb., 50c.

BLANCHE BURPEE—Of the best white. Price: Pkt., 5c; Oz., 15c; ¼ Lb., 50c.

BLANCHE FERRY—The popular pink and white variety. Price: Pkt., 5c; Oz., 15c; ¼ Lb., 50c.

COUNTESS OF RADOR, IMPROVED—Pure light lavender; wings dark mauve. Price: Pkt., 5c; Oz., 15c; ¼ Lb., 50c.

DOROTHY ECKFORD—Fine pure white large flowers. Price: Pkt., 5c; Oz., 15c; ¼ Lb., 50c.

EARLIEST OF ALL (Pink and White). Helen Pierce—The color is very light blue, mottled on pure white. Price: Pkt., 5c; Oz., 15c; ¼ Lb., 50c.

KATHERINE TRACY—Bright pink; excellent. Price: Pkt., 5c; Oz., 15c; ¼ Lb., 50c.

LADY GRISEL HAMILTON—Light lavender blue. Price: Pkt., 5c; Oz., 15c; ¼ Lb., 50c.

MRS. GEORGE HIGGINSON, Jr.—Light blue. Price: Pkt., 5c; Oz., 15c; ¼ Lb., 50c.

OTHELLO—Deep maroon. Elegant for bouquets. Price: Pkt., 5c; Oz., 15c; ¼ Lb., 50c.

PRINCE OF WALES—Bright rose pink. Price: Pkt., 5c; Oz., 15c; ¼ Lb., 50c.

THE HON. MRS. KENYON—Primrose yellow. Price: Pkt., 5c; Oz., 15c; ¼ Lb., 50c.

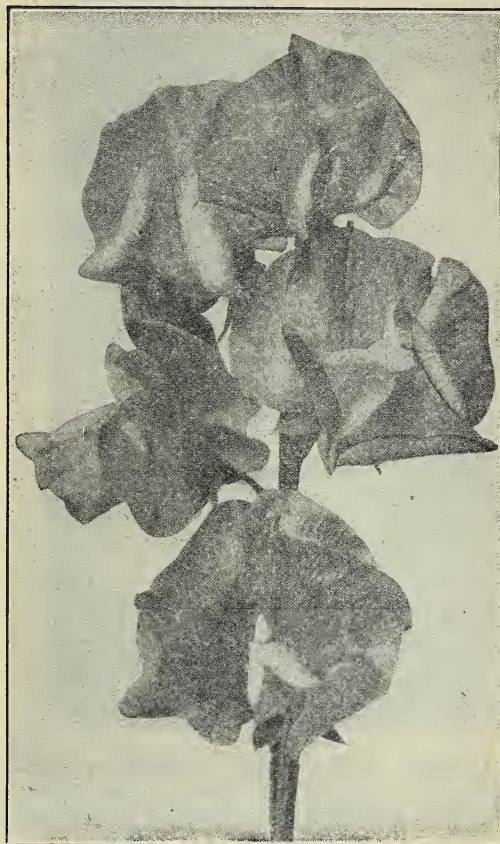
QUEEN OF SPAIN—The flowers, of fair size, are self-colored in a delicate peach-blossom pink with slight apricot tinge. Price: Pkt., 5c; Oz., 15c; ¼ Lb., 50c.

QUEEN ALEXANDRIA—This is an intense scarlet self of grand texture—a bold expanded flower of finest form. It is very free flowering and the flowers are of giant size with long strong stems. Price: Pkt., 5c; Oz., 15c; ¼ Lb., 50c.

CUPID VARIETIES

COMPACT, dwarf plants, 7-in. high covering a circumference of about 18 in., covering the ground like verbenas. Fine for low beds and pot culture.

MIXED—Different colors. Price: Pkt., 5c; Oz., 15c; ¼ Lb., 50c.



SUPERB MIXED

THIS strain embraces more fine varieties than are found in Eckford's New Seedlings Mixed, and is superior. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 30c; ½ Lb., 50c.

SWEET PEA COLLECTION

Of Grandiflora Varieties.

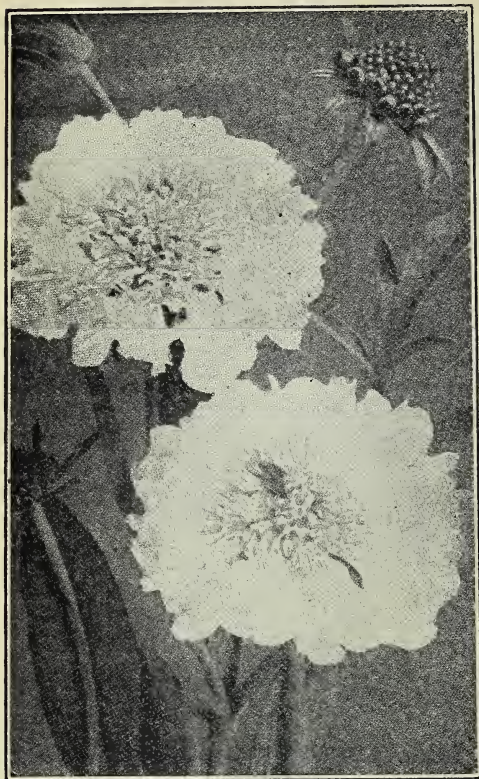
ELEVEN (11) Packets; each Packet a separate color of the best varieties. This enables you to have all colors which you can plant as you wish. A circular is enclosed with this collection on how to plant and grow them. Price, 25c.

ST. L. S. CO.'S "NOVELTY" COLLECTION FOR A BEAUTIFUL SWEET PEA GARDEN

10 PACKETS FOR 50c. EACH PACKET A SEPARATE COLOR.

WE ARE determined that every lover of Sweet Peas shall be given an opportunity to plant a few of the new introductions of the Spencer and Unwin types of Sweet Peas as they are so superior to the standard varieties heretofore sold. The packets in this collection if bought separately would cost you \$1.00. We are making this re-

duction to get you to plant them. Their range of color, size and shape of flower is far superior to any offered heretofore. They are profuse bloomers and have longer stems, which make them more showy as a cut-flower. A Circular on How to Grow Sweet Peas, will be enclosed with this collection. Price, 50c.



Scabiosa.

HARDY PERENNIAL SUNFLOWERS

MIXED. Contains the finest single-flowering hardy perennial sort. Seeds sown, early will produce flowering plants the first year. Price:

Pkt., 5c. **SWEET WILLIAM** (*Dianthus barbatus*)

XTENSIVELY used in old-fashioned gardens; flowers borne in large clusters of most brilliant colors, and are fine for cutting. Plants.

Finest Single Mixed—Price: Pkt., 5c; ½ Oz., 25c.

DOUBLE MIXED—This mixture contains the finest colors. Impossible to find anything that can compare with it. Price: Pkt., 10c.

NEW ANNUAL—The old favorite Sweet William, as all know, does not flower until the second year from seed, but this new type commences blooming in early summer from spring-sown seed and continues in flower for several weeks. Mixed. Price: Pkt., 10c.

VERBENA (h. P.)

ONE of the finest bedding plants and also suitable for borders, with its heads of brilliant colored flower producing one mass of bloom throughout the Summer.

ST. L. S. CO'S MAMMOTH STRAIN—Ours is a strain of truly Mammoth Verbena that produces uniformly magnificent trusses of flowers which embrace a wide range of colors.

	Pkt.		Pkt.
Pink	\$0.10	Scarlet	\$0.10
Purple .....	.10	White .....	.10
Mammoth Mixed	Pkt., 10c; ½ Oz., \$1.25		

GREAT FLORAL CLOCK MIXTURE—This splendid new variety is a very dwarf compact growing Bush-Verbena with large trusses of pure flesh-colored flowers, a shade previously unknown in this class. Excellent for dwarf beds and borders. Price Pkt., 10c; ½ Oz., \$1.25.

FINE MIXED—All in good colors. Price: Pkt., 5c; ½ Oz., 50c.

SCABIOSA (2, 3 h. A.)

THEY grow about 2½ feet high, and come into bloom early in July, and continue without interruption until hard frost. The beautiful flowers in exquisite shades are borne on long stems, and when cut keep in perfect condition for the best part of a week.

Crimson	Pkt. \$0.05
Black-purple .....	.05
Rose .....	.05
White .....	.05
Mixed .....	.05

CAUCASICA (Blue Bonnet)—One of the handsomest of hardy perennials, especially valuable for cutting, the blooms lasting a long time in water; lilac-blue; 3 feet. Price: Pkt., 10c.

STOKESIA (Corn Flower Aster)

HIGHLY valuable for cutting, supplying a shade of coloring not overly plentiful at any season of the year.

CYANEA—The earliest and best sort. Blue h. P. Price: Pkt., 10c.

SUNFLOWER (*Helianthus*)

FAR superior to common Sunflowers. The large, rich golden yellow flowers are produced on each branch. Makes a beautiful hedge. h. A.

GOLDEN BALL—A beautiful large double variety. Price: Pkt., 5c; Oz., 20c.

DWARF DOUBLE—Similar to the above variety, only of a dwarf nature, with variegated leaves. Price: Pkt., 5c; Oz., 25c.

DOUBLE CALIFORNIA—A beautiful large golden double variety. Price: Pkt., 5c; Oz., 25c.

SINGLE FLOWERING SORTS

THE single Sunflowers are indispensable for cutting. Sown on a sunny spot in April or May, they come into bloom early in summer and keep up a constant supply of flowers until cut down by frost.

ORION—Artistic and effective new variety of "Stella." The petals are twisted like a Cactus Dahlia. Price: Pkt., 5c.

STELLA (Improved Miniature Sunflower)—Differs from the above by its large and better formed flowers of the purest golden yellow, with black disc. Price: Pkt., 5c.

NEW RED SUNFLOWER—See Nov. Page 49.

SWEET ROCKET (*Hesperis*)

OLD-FASHIONED garden plant, and among the most desirable of hardy flowers; grows from 2 to 3 feet high. h. P. Fine mixed. Price: Pkt., 5c.



[Mammoth Strain-Verbenas.]

ZINNIA

THE plants form handsome little bushes about 15 inches high, and fairly bristle with tiny, short stemmed, very double flowers, hardly exceeding a Daisy flower in size. They are exceedingly pretty plants and bloom all summer long and until late in the fall. $1\frac{1}{2}$ to 2 feet. h. A.

GIANT DOUBLE—See Page 50.

ELEGAN'S DOUBLE—This we consider the best type for general use, forming bushy, compact plants not over 2 feet high, and bearing perfect double flowers as large as the taller-growing sorts. **Mixed. Price: Pkt., 5c; $\frac{1}{2}$ Oz., 25c.**

ZEBRA DOUBLE MIXED—A very pretty strain of striped flowers. **Price: Pkt., 5c.**

DOUBLE LILIPUT MIXED—Smaller than the ordinary Zinnia, long stiff stems. Valuable for bouquets. **Price: Pkt., 5c.**

CURLED AND CRESTED—Large, double flowers, with petals twisted, curled and crested into the most fantastic and graceful forms. Usual range of colors. **Price: Pkt., 10c.**

DWARF DOUBLE MIXED—Price: Pkt., 5c; $\frac{1}{2}$ Oz., 25c.

VINCA (Madagascar Periwinkle)

THE Vincas are among our most satisfactory bedding plants; they are very ornamental, and bloom freely from early summer until destroyed by frost. In the fall they can be potted for the house, and kept in bloom through the winter. t. P.

ROSEA—Fine rose color. **Price: Pkt., 5c.**

ROSEA ALBA—White, rosy eye. **Price: Pkt., 5c.**

ALBA PURA—Clear, pure white. **Price: Pkt., 5c.**

ALL COLORS, MIXED—Price: Pkt., 5c.



Zinnia.

WILD GARDEN FLOWER SEEDS

UNDER this heading we offer a mixture of the easiest and surest growing kinds that can be sown broadcast, and with little or no care will produce a bright effect in places that would otherwise be nothing but a collection of unsightly weeds, and furnishing an abundance of flowers for cutting. **Price: Pkt., 5c; $\frac{1}{2}$ Oz., 15c.**

EVERLASTING FLOWERS

THESE are mostly annuals, with straw-like flowers that keep their form and color for years. With few exceptions they should be cut just as the buds begin to expand.

ACROCLINIUM ROSEUM—Rose and white mixed. 1 ft.

HELICHRYSUM, MIXED (Bachelor Button)—Very ornamental and much admired when dried. Fine double mixed. 3 ft.

GOMPHRENA, MIXED (Globe Amaranth).

HELIPTERUM SANFORDII—Clusters of yellow flowers.

RHODANTHE, MIXED—Pretty for bouquets.

SATIE SUWOROWI—Bright rose color.

Any variety 5 cents per Packet. The above 6 Packets, 25 cents.

ORNAMENTAL GRASSES

FOR large beds or groups on lawns nothing gives a finer effect and they are now largely used in prominent positions in many of the finest public parks, etc. The following are the most popular varieties.

BRIZA MAXIMA (Quacking Grass)—Very beautiful.

COIZ LACHRIMA (Job's Tears)—2 ft.

GINERIUM ARGENTEUM (Pampus Grass)—The most noble grass in cultivation. 12 ft.

LAGURUS OVATUS (Hare's Tail Grass)—Bushy and Puffy.

EULALIA ZEBRINA (Zebra Grass)—Light green, barred with creamy white. Variagation runs across foliage.

PENNISETUM RUEPELIANUM (Purple Fountain Grass)—Graceful green foliage and purplish plumes, unequalled as an edging to a bed of Cannas or other tall plants; annual; 3 feet.

PENNISETUM LONGISTYLUM—A favorite among florists for bouquets, etc.

STIPA PINNATA (Feathered Grass).

Any variety. Pkt., 5c; 6 for 25c.

ALL COLORS MIXED—Price: Pkt., Each. 5c.

TRITOMA

HYBRIDA—The introduction of new, continuous flowering Tritomas has given them a prominent place among hardy bedding plants. Readily grown from seed, many flowering the first year if sown early, which are undoubtedly the finest in this country. **Price: Pkt., 10c.**

WAHLENBERGIA

See Platycodon—Page 65.

WALL FLOWER

A BEAUTIFUL hardy perennial of exquisite coloring, producing long, showy spikes in abundance. h. P.

EXTRA EARLY PARISIAN—Blooms in August and continues until checked by frost; magnificent golden yellow single flowers on long spikes; deliciously fragrant. **Price: Pkt., 5c.**

DOUBLE MIXED—Price: Pkt., 10c.

SINGLE MIXED—1 foot. **Price: Pkt., 5c.**

VIOLETS (Sweet Scented)

VIOLA ORORATA (Semperflorens)—Is the well-known English Violet, a free-flowering hardy perennial. May be grown from seed. Succeeds best in a partially shaded, moist place. h. P. **Price: Pkt., 10c.**

VIRGINIA STOCK

CHARMING dwarf annuals, with bright-colored flowers, making the garden gay in early summer. $\frac{1}{2}$ foot. h. A.

MIXED—Price: Pkt., 5c.

VISCARIA

VERY free-blooming annuals, closely allied to the Lychnis; they form compact plants about a foot high, and are covered from early summer till fall with their bright flowers, shaped somewhat like a single Pink, borne on long, slender stems; it is best to sow them where they are to bloom, thinning out to prevent overcrowding.

MIXED—Containing about six different colors, some with dark eyes. **Price: Pkt., 5c.**

WATER LILY SEEDS

HARDY Nymphaeas may be sown either in fall or spring in the shallow places on the margin of natural ponds, where, if conditions are favorable, they will germinate and soon become established. Two inches of water over the soil is sufficient. As soon as the seedlings have made two leaves, put them singly into small pots. **Price: Pkt., 15c.**

CLIMBERS WORTHY OF NOTICE

ADLUMIA (*Cirrrosa*)

(Mountain Fringe or Allegheny Vine)

A CHARMING, hardy biennial climber. Feathery foliage, rose-colored flowers. 3. h. B. 15 feet. **Price: Pkt., 5c.****ANTIGONON** (*Leptopus*)

(Mountain Rose)

A GRAND and effective vine when grown in a sunny spot. Bear numerous clusters of deep pink blossoms, completely covering the vine. If outdoors it does best in the South. 3 g. P. **Price: Pkt., 5c.****AMPELOPSIS** (*Veitchii*)

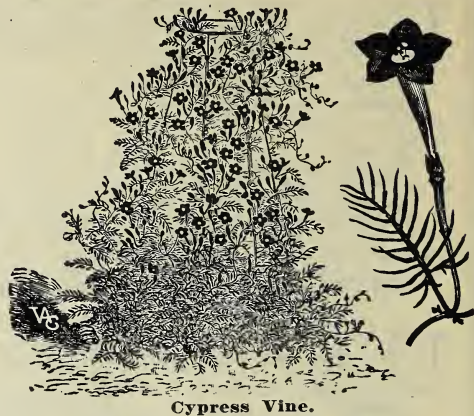
(Boston and Japan Ivy)

C LINGS to the walls of wood, stone or brick. Dense foliage; glossy green, changing to red and yellow in autumn. h. P. 40 feet. **Price: Pkt., 5c.****AMPELOPSIS PLANTS**—See Page 81.**ARISTOLOCHIA** (*Sipho*)

(Dutchman's Pipe)

E XCELLENT for shade or screen purposes. h. P. **Price: Pkt., 10c.****ARISTOLOCHIA PLANT**—See Page 81.**BALLOON VINE** (*Love-in-a-Puff*)**A** RAPID growing annual climber; succeeds best in light soil and warm situation; flowers white; seed vessels look like miniature balloons. 5 to 10 feet. hh. A. **Price: Pkt., 5c.****BALSAM****A** PPLE (*Mamordica Balsamina*)—A beautiful climbing plant; handsome apple-shaped fruits. Makes dense shade. The fruits preserved in alcohol make a useful liniment. hh. A. 15 to 20 feet. **Price: Pkt., 5c; Oz., 25c.****PEAR** (*Mamordica Charantia*)—Fruits are longer than the apple. **Price: Pkt., 5c.****CARDINAL CLIMBER****IPOMOEA QUAMOCILIT HYBRIDA**—See Nov. Page 51.**CLEMATIS****P** ANICULATA—This grand climbing vine, one of the most valuable ever sent to us from Japan—the source of so many floral wonders—is well worthy of a place on pretentious dwellings or humble cottage. Blooms in the early Fall and is one mass of fleecy-**Ampelopsis** (Boston, or Japanese Ivy) white, fragrant flowers. **Price: Pkt., 10c.****PURPLE CLEMATIS, JACKMANII**—The best-known and most valued variety. Color dark, rich, royal purple. **Price: Pkt., 10c.****CYPRESS VINE****ROSE PINK**—See Nov. Page 51.**O** NE of the most popular vines, with very delicate fern-like foliage, and masses of beautiful, small, star-shaped flowers. Sow in May, first soaking the seeds in warm water for a few hours. 15 feet. **Pkt.**

Scarlet. Per oz., 25 cts.	5c
White. Per Oz., 25c cts.	5c
Mixed White and Scarlet	5c

CANARY BIRD FLOWER (*Tropaelum Peregrinum*)**C** HARMING little canary-colored blossoms resembling canary birds. Very pretty for trellis. hh. A. 10 to 15 feet. **Price: Pkt., 5c.****ORNAMENTAL GOURDS****T** HEY attain the remarkable growth of from 10 to 20 feet in height and are grown extensively for household as well as ornamental purposes.**DIPPER CALABASH**—Useful for many household purposes. When grown on the ground, produces differently shaped gourds than on the trellis. **Price: Pkt., 5c.****DISH CLOTH OR LUFFA**—Sponge-like, porous lining is dried and used in the bath or for dishcloth. **Price: Pkt., 5c.****HERCULES' CLUB**—The longest of any of the gourds. **Price: Pkt., 5c.****JAPANESE NEST EGG**—Resembles hen's eggs in color, size and shape. **Price: Pkt., 5c.****PIPE**—The stem ends of the fruits are much used in making pipes. **Price: Pkt., 5c.****SUGAR TROUGH**—Very light, but durable. Used for buckets, baskets, soap and salt dishes, etc. **Price: Pkt., 5c.****MOCK ORANGE**—A handsome gourd; very popular. **Price: Pkt., 5c.****TURK'S TURBAN**—All colors, mixed. **Price: Pkt., 5c.****SMALL VARIETIES, MIXED**—**Price: Pkt., 5c; Oz., 25c.**

CLIMBERS—Continued

DOLICHOS (Hyacinth Bean)

A RAPID-GROWING annual climber, flowering freely in erect racemes, followed by ornamental seed-pods; for covering arbors, trellises, etc. Sow the seed in the garden in beds where they are to remain. 10 feet.

"DAYLIGHT" PRINCESS HELEN—This grand Hyacinth Bean comes from Japan. Seed sown late in May will by the middle of July often attain a height of ten feet, and are covered with spikes of snow-white, pea-shaped blossoms from then on until late fall. Price: Pkt., 5c; Oz., 15c.

SONDANIEANSIS—The most beautiful purple ever discovered. Similar to the Daylight except in color. Price: Pkt., 5c; Oz., 15c.

SCARLET same as purple except in color—Price: Pkt., 5c; Oz., 15c.

MIXED COLORS—Price: Pkt., 5c; Oz., 10c.

BUTTERFLY RUNNER BEAN

ONE of the most beautiful new climbing flowers. Its leaves, of a somewhat lighter green than other runners, almost disappearing beneath the clusters of charming flowers which gracefully rise and fall, like butterflies in the passing breeze. Price: Pkt., 10c.

COBAEA (Cup-and-Saucer Vine)

A CLIMBER of rapid growth, attaining a height of 30 to 50 feet during the season, valuable for covering trellises, arbors, trunks of trees, etc.; will cling to any rough surface. In sowing, place seeds edgewise and merely cover with light soil; to get early results, start the seed indoors in March or April; can also be sown out-of-doors in May.

SCANDENS—Large bell-shaped purple flowers. Price: Pkt., 5c.

HOP

JAPANESE VARIEGATED—Rapid summer climber, in three or four weeks' time attaining a height of 20 to 30 feet, resembling the common Hop, but, being an annual, attains full perfection the first season. The foliage is luxuriant, making a dense covering. Price: Pkt., 10c.

HOP VINES

GERMAN (*Humulus Lupulus*)—A useful climber for covering unsightly places. It is a rapid grower and bears a profusion of seed-pods suitable for many domestic purposes. Price: Pkt., 10c.



Dolichos (Hyacinth Bean)

MAURANDIA

FINE MIXED—Suitable either for house or garden culture. t. P. 10 feet. Price: Pkt., 5c.

MINA

LOBATA—Half hardy Mexican climbing annual. The buds are at first of a vivid red, but turn to orange-yellow before they open, and when fully expanded the flowers are of a creamy-white shade. They are freely produced from the base to the summit of the plant, which attains a height of from 18 to 20 feet. Seed should be sown early. h. A. Price: Pkt., 5c.

SCARLET RUNNER BEAN

A GREAT favorite in England and Europe, not only as an ornamental climber, but for the delicious edible beans which succeed the bright scarlet sprays of pea-shaped blossoms. Price: Pkt., 5c.

JAPANESE KUDZU VINE

From Seed: Hardy and a Rapid Grower.

THE beautiful new Ornamental and Rapid Climbing Vine which we offered last season met with such universal praise that we have no hesitancy in urging our customers everywhere to try it. It is much better to grow these from seed in this locality, as the imported roots do not thrive, as they are in transit from Japan too long and seems to injure them a great deal. Price: Pkt., 10c.



Japanese Hop.

CLIMBERS—Continued

MORNING GLORIES

ST. L. S. CO'S NEW JAPANESE GIANT—See Page 51.

IMPERIAL JAPANESE FRINGED—This exquisite new Morning Glory is without doubt the finest new specie ever offered. So rich and beautiful are its gorgeous markings of handsome blotched petals that it cannot be compared with the ordinary Japanese Morning Glory. The flowers are of enormous size, and the vines of a beautiful clinging nature. Price: Pkt., 10c; Oz., 20c.

SETOSA (Brazilian Morning Glory)—Bears enormous rosy flowers with a pink satiny star. Seed pods add a great deal to its attractiveness. Price: Pkt., 5c; Oz., 30c.

FINE MIXED—All colors. Price: Pkt., 5c; Oz., 10c.

MOON FLOWER

WHITE LARGE FLOWERING—The most rapid growing of all annual twining vines. Grows to a height of 50 feet or more in favorable seasons, t. A. Price: Pkt., 10c; Oz., 50c.

BLUE (Ipomoea Bona Nox)—Beautiful large violet flowers. Price: Pkt., 5c; Oz., 20c.

Plants ready April 25. Each, 15c; Doz., \$1.50.

SMILAX

(Myrsiphyllum Asparagoides)

IN MANY respects the Smilax is the most useful, and it is certainly one of the most graceful climbers which adorn the greenhouse or conservatory; for bouquets and floral decorations it is indispensable. Price: Pkt., 5c.

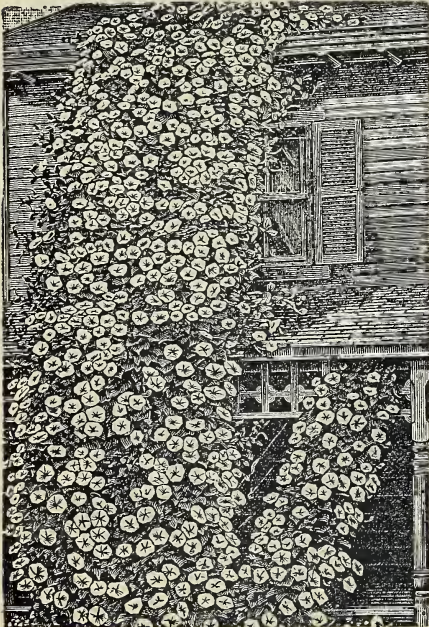
PASSIFLORA

(Passion Vine)

COERULEA—Very popular for window decoration or sunny locations in the garden. Blue. 2-3. hh. P. 10 feet. Price: Pkt., 5c.

MIXTURE OF RAPID CLIMBERS

INCLUDES vines which succeed in shady, cool positions, and those that do best in dry, sunny ground. The different types of leaves and changes in color amongst the various flowers give a beautiful effect. Price: Pkt., 10c.



Moon Flower.



Morning Glories

PERENNIAL PEAS

LATHYRUS LATIFOLIUS—If you have a fence or a stump to cover with a vine that makes lots of growth, bears attractive, large clusters of flowers, and never dies but increases in size every year, plant this h. P. Pink, White, Red, Mixed, each variety. Price: Pkt., 10c Each.

THUNBERGIA

MIXED (Blackeyed Susan)—Handsome foliage and flowers. Used for a screen or basket. 1-2. hh. A. 6 ft. Price: Pkt., 5c.

WILD CUCUMBER

A RAPID climber and free bloomer. Very popular for small city yards. We highly recommend it for porches, fences or outbuildings. Price: Pkt., 5c.

WISTARIAS

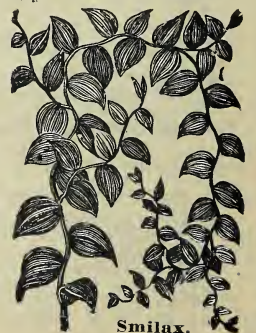
ONE of the best hardy climbers. When given a sunny situation and liberal manuring grows rapidly, and presents when in bloom a magnificent appearance.

BLUE—The favorite variety, producing thousands of pendulous clusters of delicate violet-blue blossoms, richly perfumed. Price: Pkt., 10c.

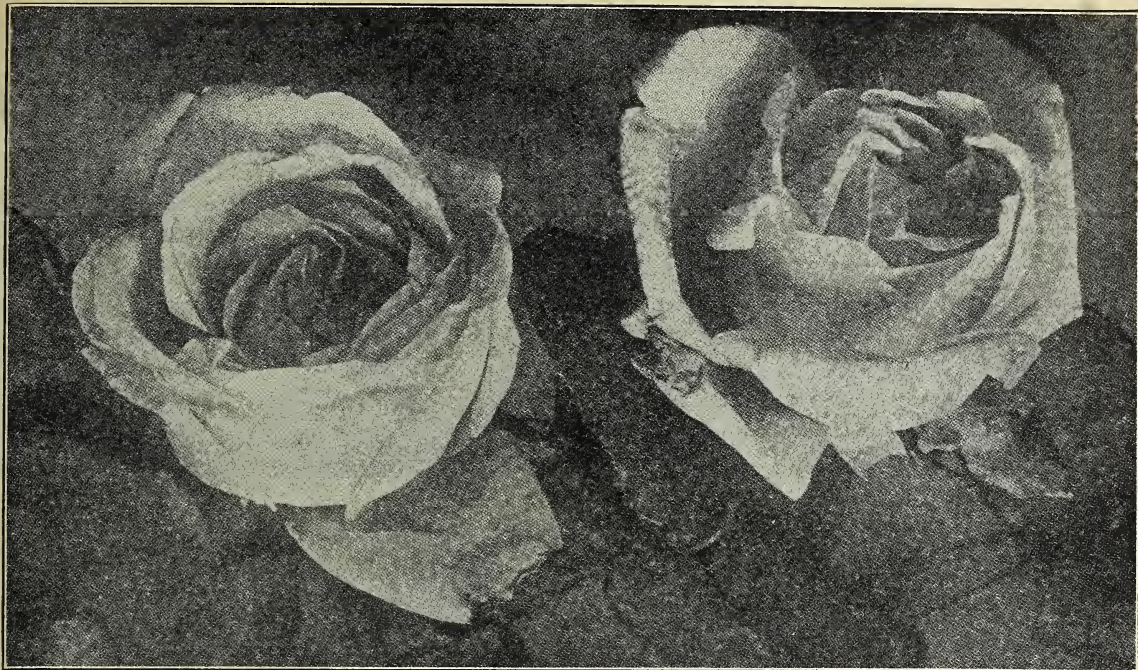
ALBA—Of similar habit to above, with pure white flowers. Price: Pkt., 10c.



Wild Cucumber.



Smilax.



HARDY EVERBLOOMING ROSES

Our list of Hardy Dormant Roses are ready for delivery from the first of March until the fifteenth of April.

OUR Roses are budded on the cultivated seedling English Briar; are exceptionally strong and worth ten times more than Roses grown on marshy wet soil, such as are generally offered at a low price. This class of Roses are continuous bloomers the entire summer, but are not entirely hardy in this section, and should be protected during the winter months with a covering of straw or any handy material. To obtain the best results, in addition to the covering of the tops, protect around the roots with 5 to 6 inches of well-rotted manure. This will give added strength to the plants, and additional bloom the following summer.

SOIL—Roses delight in a clay loam, enriched with well-rotted barnyard manure. Dig up the soil thoroughly to a depth of 12 to 15 inches, pulverize well; do not raise beds above the level of the surrounding soil. Soak the bed occasionally during the summer with weak manure water.

Varieties marked "H. P." are Hardy Perpetual, "H. T." Hybrid Tea Roses.

Roses by Parcel Post see Page 1. Weight of strong plant about 1½ Lbs. each.

ANNA DIESBACH—Bright rose color, very large and showy; particularly fine in bud; flowers slightly cupped. A vigorous grower; one of the best.

"AMERICAN BEAUTY"—A hardy Rose of the largest size, having the ever-blooming qualities of the Tea Rose, consequently equally valuable for winter or summer flowering. In color, it is deep, brilliant rosy-carmine, shaded toward the center with rich carmine-crimson. This is unquestionably the most popular Rose now before the public, a popularity due entirely to its splendid value as a winter-forcing variety. It has, however, much value as a garden variety and is very much sought after.

BARON DE BONSTETTEN (H. P.)—Blackish crimson, vivid red shadings. Considered by many to be the finest dark crimson Rose.

CAPTAIN CHRISTY—Delicate fleshy white, the center richer in color; very large and full; most useful early and late.

DUKE OF EDINBURGH (H. P.)—Very bright vermilion; a large, full, perfect flower.

FRAU KARL DRUSCHKI (H. P.)—Splendid buds and immense flowers, perfectly double and delightfully fragrant, large thick petals, very durable and handsome. Bright, shining green leaves, elegantly veined; a healthy vigorous grower, entirely hardy and a constant and abundant bloomer. The most beautiful and largest snow-white Rose now before the public.

GRUSS AN TEPLITZ (H. P.)—This grand rose has proved one of the best and most valuable Hardy Crimson Ever-blooming Roses for garden planting. The color when first opening is a very dark, rich crimson; as the flower opens it discloses bright scarlet, shading to velvety, fiery red. The flowers on well grown and established plants are large and full, very showy and handsome.

J. B. CLARK (H. P.)—Brilliant crimson with intense scarlet lights on the upper surfaces. In size, form, color and texture it stands supreme in its color. It is very fragrant, a vigorous grower, fine foliage.

Price: All above 2 years field grown Hardy Roses: Each, 30c; Dozen, \$3.00.

HARDY EVERBLOOMING ROSES—Continued



Frau Karl Druschki

HARDY EVERBLOOMING HYBRID
TEA ROSES

CAROLINE TESTOUT—One of the most popular and valuable bedding varieties; large, full, globular flowers of bright satiny-rose, with brighter center; very free and fragrant.

EARL OF WARWICK—A magnificent Rose and entirely distinct from all other varieties. The flowers are large and full, of beautiful form, and come perfect throughout the season under all weather conditions. In color it is a soft salmon-pink, shaded in the center with vermillion.

ETOILE DE FRANCE (H. P.)—Is a strong grower, excessive bloomer, almost thornless. It has beautiful dark green foliage, splendid buds, generally appearing singly on long, strong stems; flowers are very large and beautiful in shape, very full and open easily; color superb garnet red, center of flowers very vivid.

GENERAL JACQUEMINOT (H. P.)—Brilliant scarlet-crimson; an old favorite and one of the best known Roses in cultivation; does well everywhere.

GLORY de MORGOTTIN (H. P.)—Free growing and vigorous for its color, it is remarkably constant in blooming, every new shoot producing a flower. The blooms are bright dazzling red, the buds are well formed, the fragrance is delightful, and taken altogether, it is a variety that should be generally planted.

HERMOSA (H. T.)—The color is a clear, fresh, bright pink. The flowers are fairly double, cupped petals and of medium size; they are borne in clusters and in lavish profusion. It is hardy with protection and is sweetly fragrant.

KAISERIN AUGUSTA VICTORIA (H. T.)—Pearly white softly tinted with lemon in center; fragrant. A strong, healthy grower, with bold, beautiful foliage. Particularly hardy, and one of the most beautiful roses in cultivation.

KILLARNEY WHITE (H. T.)—A pure white "sport" from the pink Killarney; equal to it in all the good points of the latter, superior to it in some. One strong point of superiority is that it has more petals than the parent variety, of greater substance, so is of greater value for outdoor bedding. The buds and flowers are beautiful beyond description; many consider it easily the finest white garden Rose in cultivation.

KILLARNEY PINK (H. T.)—A very beautiful Hybrid Tea Rose. The color is an exquisite shade of deep shell-pink lightened with silvery-pink. The base of the petals is a soft silvery-white, relieved with enough yellow to make it more attractive. The buds are exceptionally long and beautifully formed, the open flower is graceful in the extreme. Hardy in this climate without protection. In the garden the flowers are very lasting, the coloring remaining clear and bright to the last delicate Tea Rose fragrance.

LYON—The flowers when expanded are large and full, with broad petals of a superb color, being a coral-red or salmon-pink, shaded with yellow in the center, toning to a pink at the tips.

LA FRANCE—Peach-blossom color, shaded pink and silver-rose. The flowers are large and beautiful either in the bud form or when fully expanded. It is very free blooming, every shoot forming a beautiful flower and most deliciously fragrant.

MAGNA CHARTA (H. P.)—Bright pink suffused with carmine; a beautiful Rose and a strong, vigorous grower.

MME. ABEL CHATENAY—One of the most popular Roses in England, both in the garden and as a cut flower, thousands of its beautiful buds being sold daily on the streets of London; it succeeds equally as well here, is a strong grower and produces very freely beautiful flowers of carmine-rose shaded with salmon.

Price all above 2 years field grown Hardy Roses: Each, 30c; Dozen, \$3.00

Use Sheep Manure on Your Rose Bushes



Ulrich Brunner.

HARDY EVERBLOOMING HYBRID TEA ROSES

RICHMOND (H. T.)—One of the best red Roses yet produced. It comes to perfection with very little care. It is a constant bloomer, very fragrant, with a color approaching a deep scarlet in tone. It has long pointed buds on tall, straight stems, with elegant dark foliage. A superb Rose in every sense of the word.

SOLEIL D'OR (H. P.)—The coloring of the flowers is very rich, a marvelously rich shade of chrome yellow with a glint of coppery-rose in the center. The expanded flower is full, large and globular, the center petals being well incurved, forming a perfectly double bloom. The coloring in the fully expanded flower is gloriously superb. Turneresque in its blending of reddish-gold, orange-yellow.

ULRICH BRUNER (H. P.)—Extra large, bold flowers, full and globular. Color rich, glowing crimson, elegantly flamed with scarlet.

MAMAN COCHET (H. P.)—This is our favorite rose. It is of the largest size; the flower is built up or rounded and very double; the color is a deep, rosy pink, the inner side of the petals being a silvery rose, shaded and touched with golden yellow. Very vigorous; deliciously fragrant.

MRS. JOHN LAING (H. P.)—Soft pink; large and of fine form, produced on strong stems; exceedingly fragrant; one of the most valuable varieties and flowers continuously in the open ground. The most beautiful rose of recent introduction.

WM. R. SMITH (H. P.)—This magnificent variety is an American-raised, pedigree seedling. It inherits hardness, constitution, fine habit, grand foliage and superb flowers. The color is a deep ivory-white overlaid with a good, bright shade of pink. As a summer rose it ranks with the best.

MME. RAVARY (H. P.)—Should be in every collection on account of its distinct color which is of a rich, deep hanken-yellow, becoming lighter as the flower expands. The flowers are of splendid form, full, double and very fragrant.

PAUL NEYRON (H. P.)—Flowers of immense size, often five inches in diameter. Color deep clear rose, very fresh and pretty. The plant is a strong, healthy grower, with glossy foliage, and is one of the most prolific bloomers in the Hybrid class, young plants in the nursery rows blooming almost without intermission from June to late October.

CLOTHILDE SOUPERT—Here we have a rose that for bedding out doors or for pot culture is hard to beat. Frequently the entire foliage is hidden with bloom. Medium-size flower, variable color, from almost pure white to deep pink. Always in bloom.



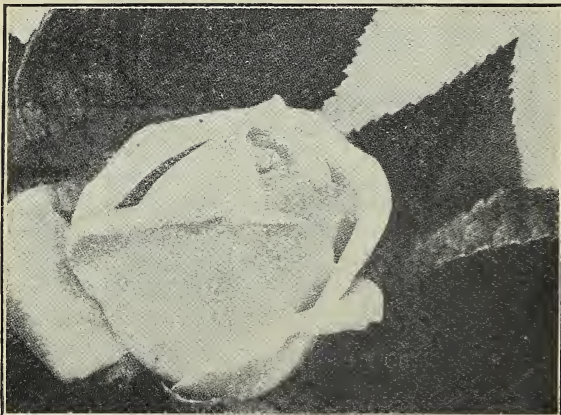
Mrs. John Laing.

POLYANTHA ROSES

MINATURE roses derived from the Climbing Polyanthas. Of dwarf habit, profuse bloomers. Fine for bedding or for edgings. Perfectly hardy.

DWARF BABY RAMBLER—A beautiful plant when in bloom, being very small and full of blooms and clusters; well known.

ERNA TESCHENDORFF—A "sport" from the Crimson Baby Rambler, as bright as Gruss an Teplitz, the well-known Hybrid-Tea, which has been well described as the "Reddest of all red Roses."



William R. Smith

Price: All above 2 years field-grown Hardy Roses: Each, 30c; Dozen, \$3.00

HARDY CLIMBING ROSES

Weight of Climbing Roses about 2 Lbs. Each.

DESIRABLE for covering trellises, walls or porches, as they succeed under any circumstances. Perfectly hardy, blooming in clusters of medium sized flowers. Since the introduction of the Crimson Rambler, in 1894, this class of Roses has continued to gain in popularity. Many splendid varieties have been added during the past few years. The best and most distinct of these we offer the following.

CRIMSON RAMBLER—Have you a fence or tree stump to cover, or a veranda or trellis? Try a Climbing Rose—there's nothing better for covering it and nothing prettier. None is more popular than the CRIMSON RAMBLER. It makes vines 10 to 12 feet high after the first year, and a mass of flowers. **Price: Each, 25c; per Doz., \$2.50.**

CLIMBING AMERICAN BEAUTY—A Rose of great merit. A cross between American Beauty and an unnamed seedling; color a rosy crimson. The plant is of strong habit of growth, making shoots of ten to fifteen feet in one season, and as hardy as an oak. The flowers are from three to four inches in diameter, of fine form, and are produced in great profusion, not only in May and June, but there is a fair sprinkling of flowers throughout the growing season. **Price: Each, 35c; Doz., \$3.50.**

DOROTHY PERKINS or PINK RAMBLER—A seedling of the famous Crimson Rambler. Blooms in clusters of from 8 to 25 flowers each, of a delicate rosy pink shade, suffused salmon and yellow at the base. **Price: Each, 25c; per Doz., \$2.50.**

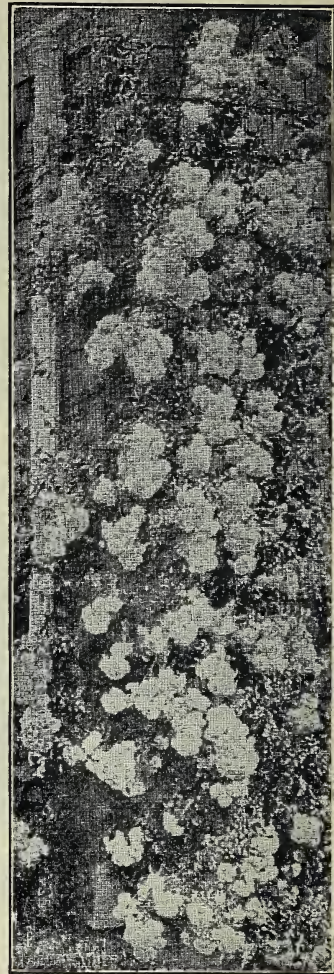
FRAU KARL DRUSCHKI—Splendid buds and immense flowers, perfectly double and delightfully fragrant, large, thick petals, very durable and handsome. Bright shining green leaves, elegantly veined; healthy vigorous grower, entirely hardy and a constant and abundant bloomer. The most beautiful and largest snow-white Rose now before the public. **Price: Each, 30c; Doz., \$3.00.**

FLOWER OF FAIRFIELD—A counterpart of Crimson Rambler in every respect, except that it is everblooming, every new growth being terminated with a large cluster of flowers. Strong two-year-old plants. **Price: Each, 30c; per Doz., \$3.00.**

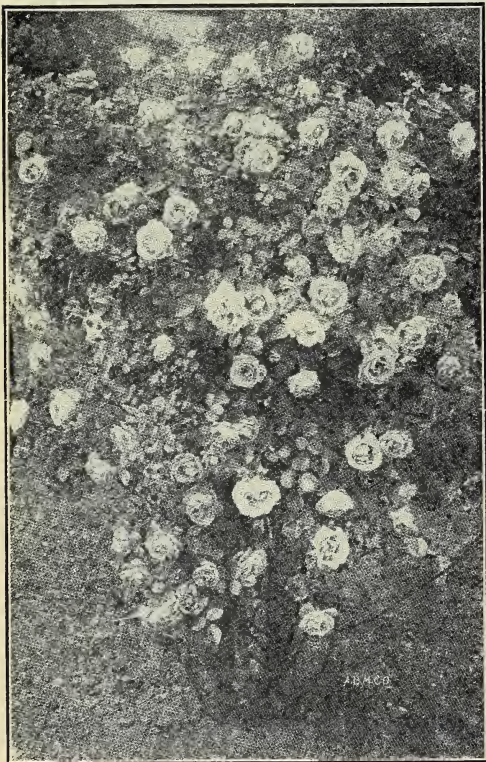
GLORY de LYON—A very vigorous in growth densely covered with beautiful, glossy foliage. This variety produces masses of flowers. The color is a deep, golden yellow with orange shadings in the center. It is a very promising sort and fills the "long felt want" for a "Yellow" Rambler. **Price: Each, 30c; Doz., \$3.00.**

TAUSENDSCHOEN—"A thousand times beautiful," is not overestimating the beauty of this new and distinct Rambler. The individual flowers are very large for this type of Rose, being fully 2 to 3 inches across, and of decidedly graceful form. Opening flowers pink, rosy carmine when expanded; are produced in large trusses of from ten to fifteen flowers. **Price: Each 35c; per Doz., \$3.50.**

TAUSENDSCHOEN—"A thousand times beautiful," is not overestimating the beauty of this new and distinct Rambler. The individual flowers are very large for this type of Rose, being fully 2 to 3 inches across, and of decidedly graceful form. Opening flowers pink, rosy carmine when expanded; are produced in large trusses of from ten to fifteen flowers. **Price: Each 35c; per Doz., \$3.50.**



Crimson Rambler.



Climbing American Beauty

TREE ROSES

(Sent only by Express.)

THE Tree Roses are grafted on hardy stems four to five feet high and thus form tree shapes. We offer the following varieties:

FRAU KARL DRUSCHKI—This is the ideal hardy white Rose, pure in color; perfect in form; strong grower and remarkably free flowering; superb in every way.

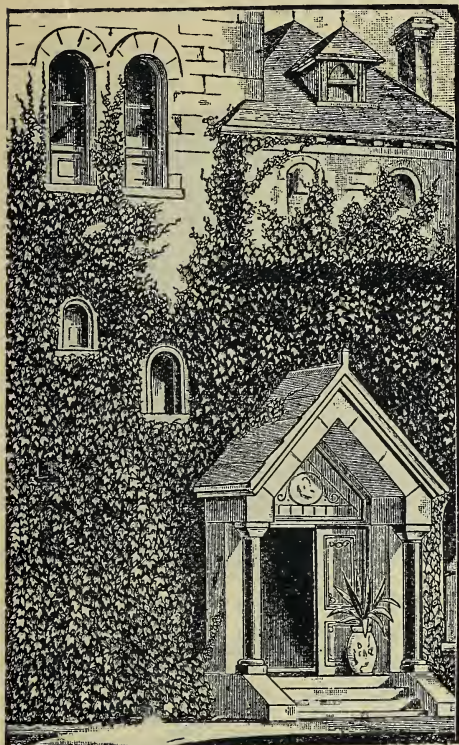
GRUSS AN TEPLITZ (H. P.)—This grand rose has proved one of the best and most valuable Hardy Crimson Ever-Blooming Roses for garden planting. The color when first opening is dark rich crimson passing to velvety fiery red.

MAGNA CHARTA—Bright pink suffused with carmine; a beautiful Rose and a strong, vigorous grower. **Price: Each, 75c; Per Doz., \$8.00.**

ULRICH BRUNNER—Cherry-crimson. Hybrid perpetual. **Price: Each, 75c; Per Doz., \$8.00.**

HARDY ORNAMENTAL CLIMBERS

Darmont Plant ready March 1st to April 15th.



Ampelopsis Veitchii.

LA FRANCE—Dark purple, largest flower.
Price: Each, 30c; Doz., \$3.00.

SMALL-FLOWERING CLEMATIS

PANICULATA—This handsome hardy climber is one of the choicest and most satisfactory climbing flowering plants we know. The plant is of strong, rapid growth, with small, dense, cheerful green foliage, giving it a grace and elegance possessed by no other hardy climber. The flowers appear in the greatest profusion during August, and continue until late in the fall, are white in color and most deliciously fragrant. The plant succeeds in almost any position. Selected, strong 2-year-old, plants.
Price: Each, 25c; Per Doz., \$2.75.

HONEYSUCKLE

HALLIANA (Hall's Japan Honeysuckle) — A strong vigorous, almost evergreen sort; white flowers changing to yellow; very fragrant; flowering from July to December; holds its leaves nearly all winter. Extra-selected plants. Price: Each, 30c; Per Doz., \$3.00.

SCARLET TRUMPET HONEYSUCKLE—This and its varieties are the handsomest in cultivation. It is a strong, rapid grower and produces scarlet, inodorous flowers. Price: Each, 30c; Per Doz., \$3.00.

MONTHLY FRAGRANT—A fine, rapid growing variety; flowers large and very fragrant; color, red and yellow; a constant bloomer. Price: Each, 30c; Doz., \$3.00.

WISTERIA

A BEAUTIFUL hardy climber, will grow in one season about 20 feet high; flowers in clusters pale blue.

W. SINENSIS (Chinese)—Flowers in clusters; pale blue; sometimes gives a second crop of flowers in the Fall. Strong plants. Price: Each, 35c.

W. SINENSIS ALBA—Of similar habit to sinensis, with pure white flowers. Strong plants. Price: Each, 35c.

AMPELOPSIS VEITCHII (Boston or Japan Ivy)

THE finest climber for training over brick walls, as it clings firmly to the smoothest surface, covering it smoothly and densely with fresh, green heart-shaped leaves in Summer, which change in the Fall to the bright Autumn colors. It likes a rich soil. Strong plants. Price: Each, 20c; Doz., \$2.00.

QUINQUEFOLIA (Virginia Creeper)—This well-known climber, clinging to any surface, covering the same rapidly. Dark green foliage changes to brilliant Autumn colors in the Fall. Strong plants. Price: Each, 25c.

ARISTOLOCHIA SIPHO (Dutchman's Pipe)

A NATIVE species, of climbing habit and rapid growth, with magnificent light green foliage 10 to 12 inches in diameter, and curious, pipe-shaped, yellowish brown flowers. Price: Each 25c; per Doz., \$2.75.

BIGNONIA RADICANS (Scarlet Trumpet Vine)

FOR covering unsightly places, stumps, rockwork or planting in crevices in ledges, the Bignonias will be found very useful. Price: Each, 30c; per Doz., \$3.00.

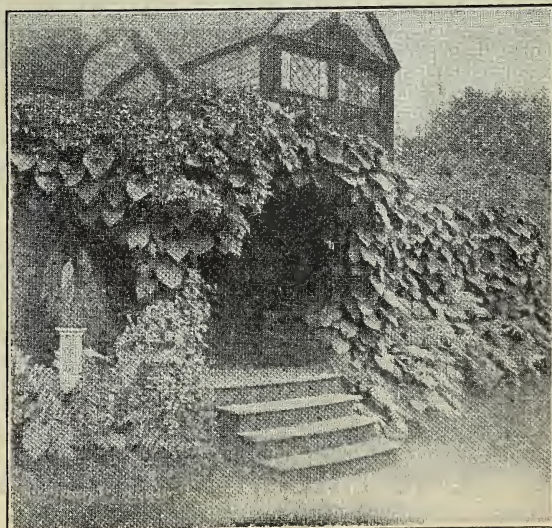
CLEMATIS

THE Clematis we offer this season are exceptionally fine, strong 2-year-old plants. We have reduced the number of varieties to such sorts as, from experience, we know to succeed best in our climate. Many failures in the growing of Clematis are the result of too shallow planting, the crown of the roots should be set at least 3 inches below the surface of the soil.

JACKMANI—The best known and most valued variety of this popular family. A perfect mass of bloom when in full flower. Color, dark, rich, royal purple. Price: Each, 30c; Doz., \$3.00.

LARGE WHITE CLEMATIS HENRYII—A pure white large-flowering variety, of fine form, and recognized as by far the finest of the single white sorts. Price: Each, 30c; Doz., \$3.00.

DOUBLE WHITE CLEMATIS, DUCHESS OF EDINBURGH—This variety is perfectly double, like a rosette. It is sweetly fragrant, hardy and vigorous. Price: Each, 30c; Doz., \$3.00.



Aristolochia Sipo.

CHOICE HARDY SHRUBS

Note—Shrubs will be shipped on receipt of orders or as soon as they can be dug, unless instructed to the contrary, and can only be sent by Express, at purchaser's expense.

IN THIS class is included the most popular and better known of our hardy flowering and ornamental Shrubs. No class of plants presents to our landscape a greater array of blossoms or a more symmetrical arrangement of their flowers, and once established, may be left to take care of themselves, increasing in size and beauty from year to year.

ALTHEA

HIBISCUS—(Rose of Sharon)

THIS has become one of the most popular flowering shrubs, coming in flower, as it does, in July or August, when few shrubs are in bloom. The entire plant is covered with beautiful double flowers, which, at a distance, look like roses. They make a very pretty flowering hedge. Three-year-old plants, single flowers, in **White, Pink or Purple**. About 3 feet high. **Price: Each, 25c; per Doz., \$2.50.**

TREE ALTHEA—White, red. **Price: Each, 35c.**

AZALEA

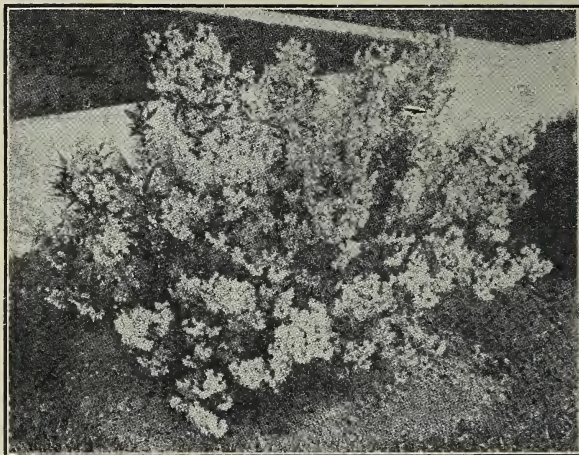
MOLLIS—Early flowering, with light green leaves; the flowers are single and as large as those usually seen on plants in florists' windows at Easter-time. Blooms about the middle of May; splendid for border planting around dwellings or massing in beds: **Rich Red or Deep Yellow**. Selected plants, 25 buds. **Price: Each, 75c.**

CALYCANTHUS

C. FLORIDUS—A well-known native bush, bearing very double; purple, fragrant flowers. **Price: Each, 35c.**

DEUTZIA

VERY ornamental and popular shrubs with showy white or bluish flowers appearing in tassel-like clusters in spring or early summer. Slender, arching branches. They thrive in almost any well-drained soil and are well adapted to borders and shrubberies. Lemoinei is the hardi-



Deutzia Gracilis.

est, while, Gracilis and Pride of Rochester require light protection.

LEMOINEI—Spreading shrub, 3 feet high. Pure white flowers in broad clusters. More vigorous, hardier, and with more showy flowers than Gracilis. 13 to 24 inches. **Price: Each, 30c.**

PRIDE OF ROCHESTER—Grows to 6 feet. Blooms in May in advance of the others. With very large, double white flowers. **Price: Each, 30c.**

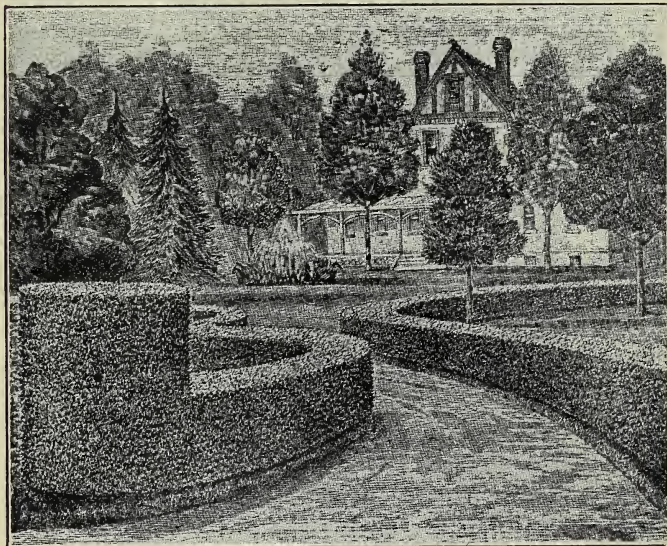
GRACILIS—Low growing; 3 feet high with slender arching branches; bright green leaves; snow-white flowers in May and June. **Price: Each, 30c.**

WATERERI—Single, bell-shaped pink flowers, 2 to 3 feet. **Price: Each, 30c.**

HEDGE PLANTS

CALIFORNIA PRIVET—Of all the shrubs which have been tried for hedging, none can compare with this. Of easy growth and splendid foliage, free from insects. Its inexpensiveness alone would give it first place for the purpose. It is now planted by the million annually. It is of free growth, and succeeds under the most adverse conditions, such as under dense shade of trees, where other plants would not exist. **Price: 18 to 24 inches high, 10 for 60c; 25 for \$1.25; 50 for \$2.25; 100 for \$4.25.**

BERBERIS (Barberry)—One of the best lawn and border shrubs. Compact, low-growing, especially suitable for a hedge or as a border along walks and drives. Foliage a fine brilliant green in summer, turning a deep, autumnal red in fall. Yellow flowers in April to May, then followed by bright scarlet berries in profusion, which remain fresh until the following spring. 18 to 20 inches. **Price: Each, 20c; 10 for \$1.75; 100 for \$14.00.**

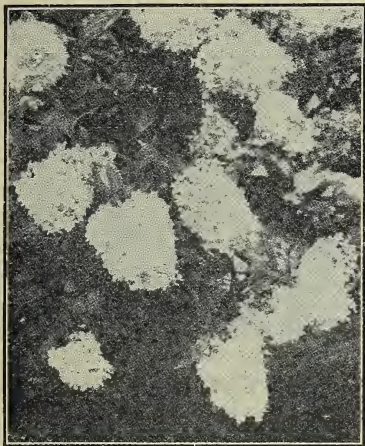


California Privet.

Use Sheep Manure on Your Flower Beds

CHOICE HARDY SHRUBS

NOTE—Shrubs will be shipped on receipt of orders or as soon as they can be dug, unless instructed to the contrary, and can only be sent by Express, at purchaser's expense.



Hydrangea paniculata grandiflora.

LILAC OR SYRINGA

LILACS (*Syringa*)—Lilacs stand more neglect, heat or drouth without showing any bad effects, than any other plant, and there is hardly any other shrub that can take their place as ornamental plants for borders, etc. They bloom in early Spring.

LARGE PURPLE—Very free bloomer of large flowers; an excellent variety; 3 to 4 feet. **Price: Each, 25c.**

LARGE WHITE—Free bloomer. **Price: Each, 25c.**

MAGNOLIA

THESE sorts flower very early, even before the leaves appear; many varieties are fragrant and the display of color is grand. They are best transplanted in spring.

SOULANGEANA NIGRA—A Chinese species, which, while shrub-like in its young growth, attains the size of a tree in time; its flowers, which are produced early in Spring are cup-shaped, 3 to 5 inches in diameter, are dark red. Strong, heavy plants. **Price: Each, \$2.00.**

ALBA SUPERBA—A very choice variety bearing snow white flowers in great abundance. Strong bushy plants. **Price: Each, \$2.25.**

RHODODENDRONS

THIS grand genus, with their huge clusters of flowers in beautiful colorings, stand unequalled among hardy flowering Shrubs, and during the latter part of May or early June no flower is more gorgeous, while the bright evergreen foliage is attractive at all seasons. They require only a good garden soil, and a somewhat sheltered situation, the north angle of a building.

CATAWBIENSIS—Alba white. **Price: Each, 75c.**
CHARLES DICKENS—Deep crimson. **Price: Each, 75c.**

HENRIETTA, SARGENT—Pink dark center. **Price: Each 75c.**

H. W. SARGENT—Dark crimson. **Price: Each, 75c.**

FORSYTHIA

FORSYTHIA FORTUNEI—Strong, erect habit, bright golden-yellow flowers in early spring. **Price: Each, 25c.**

SUSPENSIA (Weeping Golden Bell)—A tall Shrub of willowy growth, the branches gracefully arching, covered with golden-yellow bells in early spring. **Price: Each, 25c.**

HONEYSUCKLE, UPRIGHT (*Lonicera*)

THE following varieties are of erect, shrubby habit; valuable for their showy fruit. The climbing sorts will be found under head of Hardy Vines and Creepers, page 81.

LEBERBOURI Rosea—Pink flowers, which contrast beautifully with the foliage; scarlet berries. **Price: Each, 25c.**

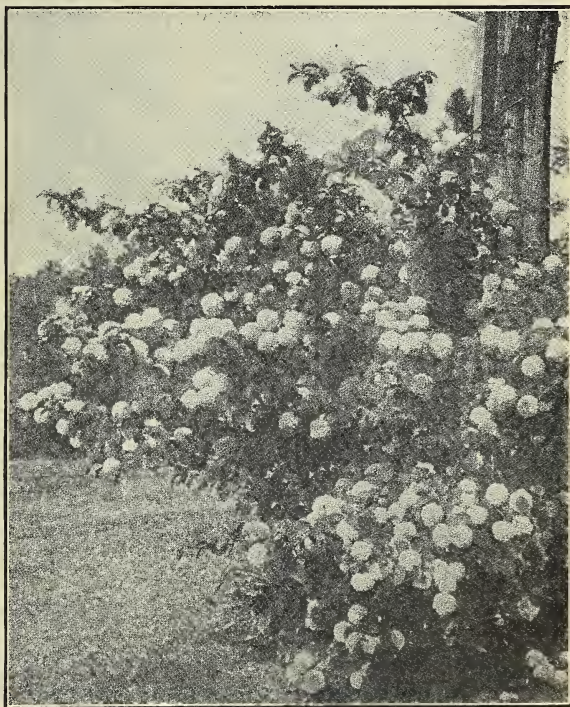
HYDRANGEA PANICULATA GRANDIFLORA

THIS is one of the most hardy shrubs in cultivation. It attains a height of 6 to 8 feet, and is perfectly hardy in all parts of the country. The flowers are white, borne in immense pyramidal panicles nearly a foot in length. It commences flowering in July and continues until November. Flowers turn a lavender color toward end of season. 3 to 4 feet. **Price: Each, 25c; 10 for \$2.25.**

TREE HYDRANGEA—**Price: Each, 60c.**

SNOWBALL

ONE of the most handsome bushes for the yard, known as Snowball Tree; of large size, with globular clusters of pure white flowers, blooming latter part of May; admired by home lovers everywhere; 3 to 4 feet. **Price: Each, 25c; 10 for \$2.25.**



Snowball or Viburnum

HARDY SHRUBS

Shrubs on this page can only be sent by Express.

SPIRAEA

ANTHONY WATERER—A valuable and distinct variety; color bright crimson; it is of dwarf, dense growth, never exceeding 30 inches in height; in bloom the entire summer and fall. **Price:** Each, 25c; 10 for \$2.25.

VAN HOUTTE—The grandest of all the Spiraeas. It is a beautiful ornament for the lawn at any season, but when in flower it is a complete fountain of white bloom, the foliage hardly showing. An early bloomer, 2 to 3 feet high. **Price:** Each, 20c; 10 for \$1.90.

TAMARIX (Tamarisk)

STRONG, slender, tall-growing, irregular Shrubs, with feathery foliage and small, delicate flowers, borne profusely on gracefully-bending branches. These pink flowers are very attractive during May. **Price:** Each, 30c; 10 for \$2.50.

PHILADELPHUS.

SYRINGA OR MOCK ORANGE

FOR grouping with other shrubs, forming large screens or hedges which may not require pruning, or used as single specimen lawn plants they are desirable. Fragrant, pure white flowers, in dense clusters so numerous as to bear the branches down when flowering. **Price:** Each, 25c; 10 for \$2.25.

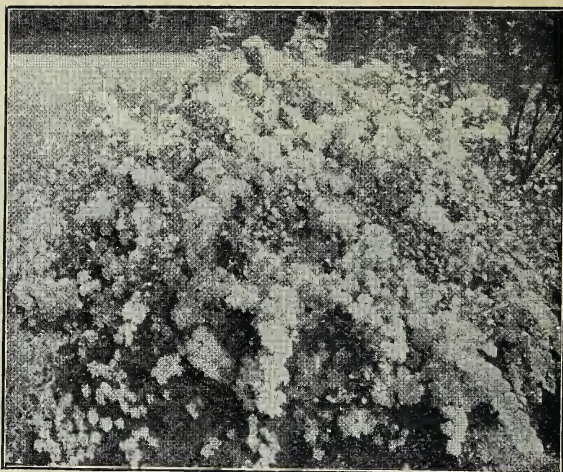
WEIGELIA

CANDIDA—Of vigorous habit, flowers pure white and produced in great profusion in June, and continue to bloom at intervals through the Summer. **Price:** Each, 30c.

EVA RATHKE—A charming new Weigelia flowers brilliant crimson; a beautiful, distinct, clear shade. **Price:** Each, 30c.



Weigelia.



Spiraea Van Houtte.



Forsythia.

18 to 24 inch. dug with ball, Each	1.00
2 to 2½ ft. " " " "	1.50
2½ to 3 ft. " " " "	2.00

JUNIPERUS (Juniper)

J. HIBERNICA (Irish Juniper)—One of the most popular Junipers known. Rigidly upright and formal in character, resembling a green column.

2 to 3 ft. Dug with ball, Each	1.25
3 to 4 ft. " " " "	1.50

BULE SPRUCE

P. PUNGENS GLAUCA KOSTERIANA (Koster's Blue Spruce)—The richest colored of the tinted evergreens, hardy vigorous grower, elegant habit. A beautiful tree for any lawn with its silvery blue sheen. We handle only the very best imported grafted trees of this variety.

18 inch. Dug with ball, Each	2.00
24 inch. " " " "	3.00
30 inch. " " " "	3.50
3½ ft. " " " "	5.50

BOXWOOD

BOXWOODS are used for grouping, edging, walk planting, against foundations, hedges, for tubbing, and also for formal gardens, terraces and porches. Will grow in sun or shade, but would advise using some protection during severe winters. Our importation this year will consist of pyramidal, standard, globe and bush forms. Shipment will reach us about March 15th.

	Each	Pair		Each	Pair
1 foot	\$0.40	\$0.75	3 feet	3.00	5.85
1½ foot	.80	1.50	3½ feet	4.50	8.50
2 feet	1.40	2.75			

SELECTED FRUIT TREES

SPECIAL attention is called to our selected fruit trees. They are first-grade stock, selected especially on account of their superior value for our retail trade. We have listed only a few of the better varieties, which have proved to be the most valuable. Before setting out fruit trees, it is necessary to prune off all broken twigs and roots. Cut back the branches about one-half in length, making the cut about an inch outside of a bud, and cut upwards. In order to get young, transplanted stock growing well, the amount of top should be about the same as the root area. More failures of trees to grow are due to lack of pruning and inattention than to poor stock. Keep the roots covered, plant properly, and prune thoroughly for satisfactory results.

APPLES

EARLY VARIETIES

First Class Stock, 5 to 6 feet high.

- EARLY HARVEST**—Medium size, flat, pale yellow Each, 50c
FAMUSE (Snow)—Deep red, fine quality.. Each, 50c
YELLOW TRANSPARENT—Skin white, tender Each, 50c

SUMMER VARIETIES

- MAIDEN BLUSH**—Large, flat, yellow and bluish Each, 50c
WEALTHY—Striped, excellent flavor..... Each, 50c

AUTUMN VARIETIES

- GRIMES GOLDEN**—Yellow, very juicy.... Each, 50c
NORTHERN SPY—Striped, large, extra good Each, 50c
BEN DAVIS—Red, good keeper..... Each, 50c
GANO—Red, good bearer, large..... Each, 50c

WINTER VARIETIES

- ARKANSAS BLACK**—Large, very dark red, smooth Each, 50c
BALDWIN—Dull, light red and green, good Each, 50c
HUNTSMAN—Large, flat, yellow..... Each, 50c
GREENING—Good size, yellow..... Each, 50c
ROME BEAUTY—Bright red, medium size..... Each, 50c
WINE SAP—Red, large..... Each, 50c
JONATHAN—Rich red, nearly round..... Each, 50c

CRAB APPLE

- SIBERIAN**—Red Each, 50c

APRICOTS

First Class Stock, 5 to 6 feet high.

- EARLY GOLDEN**—Medium yellow Each, 40c
MOORPARK—Large, orange, red Each, 40c

CHERRIES

First Class Stock, 5 to 6 feet high.

EARLY VARIETIES

- EARLY RICHMOND**—Red, tart Each, 50c
DYEHOUSE—Very early, red Each, 50c

LATE VARIETIES

- GOVERNOR WOOD**—Large, yellow sweet .. Each, 50c
WRAGG—Dark purple .. Each, 50c
BALDWIN—Dark red tart Each, 50c

PERSIMMONS

A fine ornamental tree with a delicious fruit; hardy 5 to 6 feet.
Price: Each, 50c.

PEACHES

First Class Stock, 5 to 6 feet high.

Those marked (F) are Free Stone; (C) are Clings.

EARLY VARIETIES

- SNEED**—(C) White Each, 30c
MAYFLOWER—(C) Red Each, 30c
CARMAN—(C) Blush, Large..... Each, 30c

SUMMER VARIETIES

- CHAMPION**—(F) Red Each, 30c
CRAWFORD—(F) Yellow Each, 30c
MAMIE ROSS—(C) Large, red..... Each, 30c

AUTUMN VARIETIES

- ELBERTA**—(F) Large, yellow..... Each, 30c
CRAWFORD LATE—(F) Each, 30c
WHITE HEATH—(C) Large, white..... Each, 30c

PEARS

First Class Stock, 5 to 6 feet high.

- SHELDON (Fall variety)**—Yellow and Russett, sweet Each, 50c
HOWELL (Fall variety)—Large, sweet... Each, 50c
DUCHESS (Fall variety)—Large, sweet... Each, 50c
BARTLETT—Large, very rich..... Each, 50c
KIEFFER—Winter, yellow red cheek.... Each, 50c
BARTLETT—Seckel, good size, colored... Each, 50c

PLUMS

5 to 6 feet high.

EARLY VARIETIES

- WILD GOOSE**—Red Each, 50c
NEWMAN—Red, medium size Each, 50c
LOMBARD—Violet red, medium Each, 50c

LATE VARIETIES

- GERMAN PRUNE**—Purple, large Each, 50c
IMP. GAGE—Green, large Each, 50c
BURBANK—Large, red .. Each, 50c
DAMSON—Blue, medium size Each, 50c

QUINCE

- BOURGEOIS**—Long keeper Each, 60c
MEECH—Orange yellow Each, 60c

Plant the Seed That's Pure and Sure

SHADE TREES

First Class Stock, 1½ in. to 2 in. Dia., 6 to 10 ft. High.
BIRCH (Weeping) Cut leaf Each, \$1.25
WEeping MULBERRY—Droops to the ground Each, 2.00
ELM—Fine for shade, very hardy Each, 2.50
LINDEN—Pyramidal tree Each, 2.00
MAPLE—Very hardy Each, 1.50
POPLAR—(Lombardy) Each, 1.25
POPLAR—(Carolina) Each, 1.50
SYCAMORE—(Amer) Each, 2.00

GRAPES

THERE is scarcely a yard so small, either in country or city, that room for one to a dozen or more grape vines cannot be found. They do admirably trained up to the side of any building, or along the garden fence.

All Two Years Old

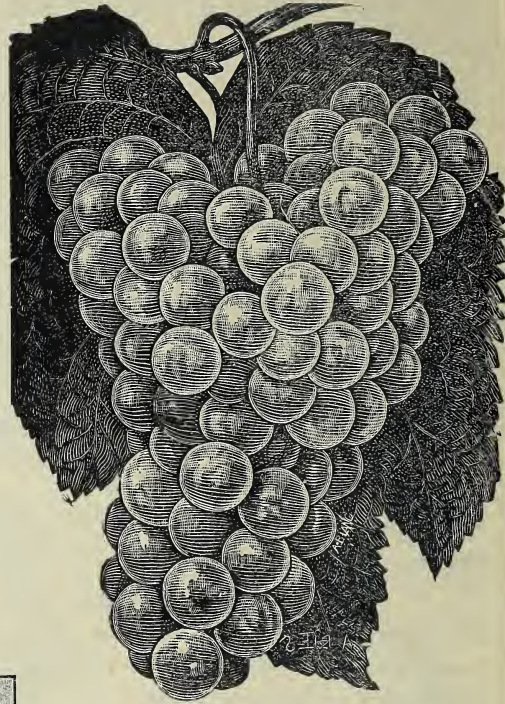
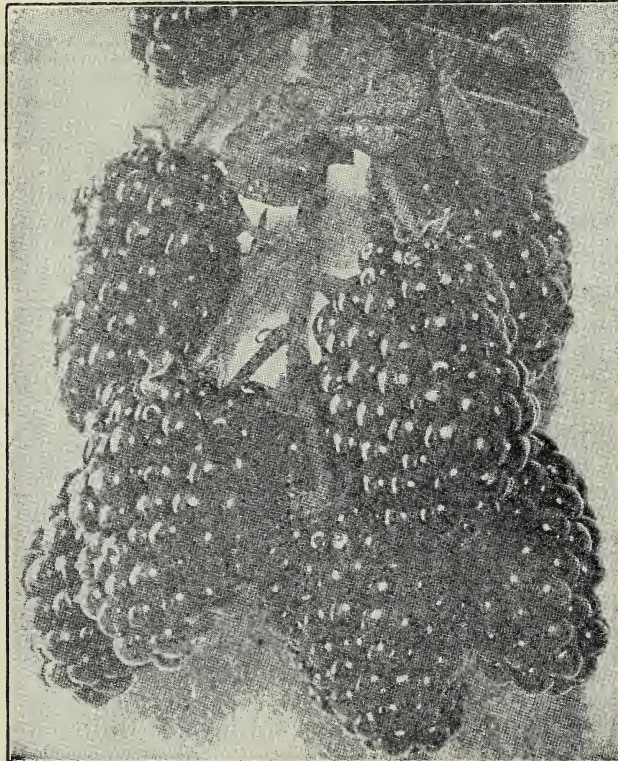
Extra Strong Roots

MOORE'S EARLY—Large black . Each, 15c; 10 for \$1.00
WORDEN—Large black Each, 15c; 10 for 1.00
CONCORD—Med. early Each, 15c; 10 for 1.00
NIAGARA—Large white Each, 15c; 10 for 1.00
CATAWBA—Auber Color Each, 15c; 10 for 1.00

CURRENTS

CURRENTS do well in partial shade, but require rich soil and good culture. The following are the very best sorts, and are supplied in strong two-year-old plants.

VICTORIA—Large, bright red. The best currant yet introduced; berries are large, uniform in size, with long stems, good flavor, and is very productive and easy to pick. Price: Each, 15c; 10 for \$1.25.



BLACKBERRIES

BLACKBERRIES respond generously to good treatment. They prefer a deep soil, inclining to sand, but will grow fruit almost anywhere.

Extra Strong Plants

EARLY HARVEST—Best early. Price: Each, 5c; 10 for 40c.

ELDORADO—Extra fine, large and sweet, late. Price: Each, 5c; 10 for 40c.

RASPBERRIES

RASPBERRIES will succeed in any soil that can grow good corn, but respond quickly to liberal treatment; for best results the old wood should be cut out just as soon as the crop has been gathered.

KING—Large, dark red, strong, robust and productive. Price: Each, 5c; 10 for 40c.

CUMBERLAND—A black cap of exceptionally large size; of extra fine quality. Price: Each, 5c; 10 for 40c.

GOOSEBERRIES

GOOSEBERRIES demand rich soil and good culture. A heavy manure mulch around the bushes during the heat of Summer will largely prevent mildew. We offer strong two-year-old plants.

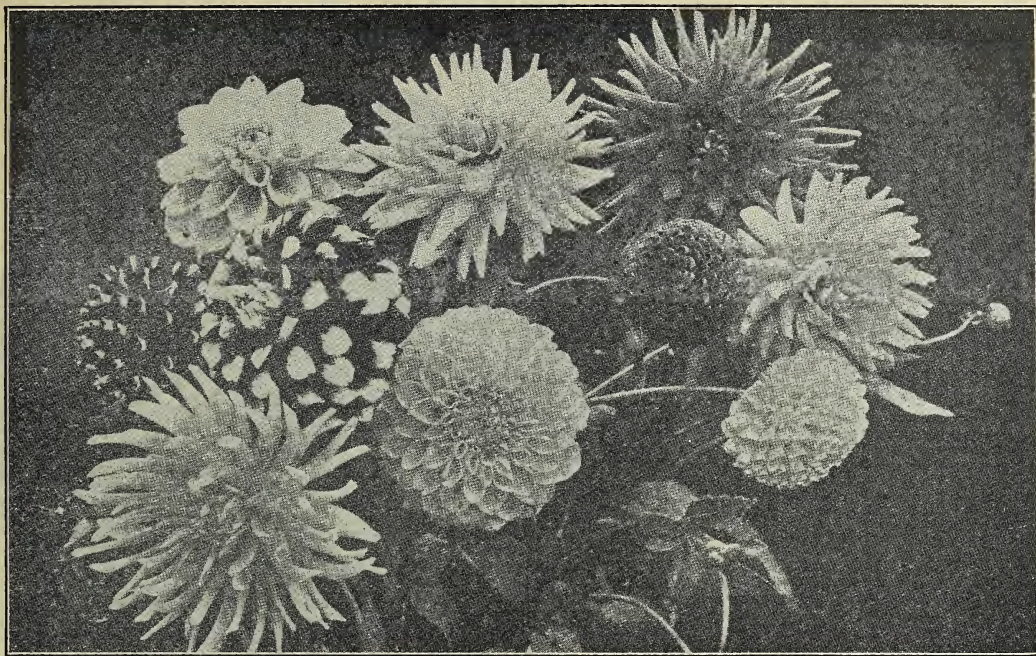
HOUGHTON—Early, good size. Price: Each, 15c; 10 for \$1.25.

DOWNING—Late, well known. Price: Each, 15c; 10 for \$1.25.

ASPARAGUS ROOTS—See page 33.

RHUBARB ROOTS—See page 33.

HORSERADISH ROOTS—See page 33.



DAHLIAS

INCLUDING in our catalogue a complete list of Dahlias, it may be helpful to mention a few general hints and ideas for the Purchase, Planting, Care, Digging of the Tubers, and the delivery of Dahlias. If these directions are followed in general, we do not hesitate to say that everyone should have reasonably satisfactory results, which will be pleasing to the grower as well as to ourselves.

The Dahlia deserves a place in every garden, much more so than they did twenty years ago; with the new varieties added each season and the extraordinary array of colors which they possess, the time must come when every lover of flowers will always have a few, if not large tracts, of these beautiful Summer and Fall flowers, which thrive all over the United States, and are grown with such little care, for the wealth of bloom which they produce.

SIZE OF THE BULBS—The size of the tuber does not in any way designate the size or quality of the flower. Some of the largest tubers only produce the more common colors; the older varieties are represented often in this way.

Medium and small-sized bulbs more often produce the finest and highest colored flowers, and in many cases the best and most effective plants.

The only requisite of a Dahlia bulb is, be sure that it will produce one, two or three eyes, whether large or small, and with proper cultivation success is generally assured.

TIME OF PLANTING—The time for planting Dahlias varies quite a good deal, according to the locality, whether sheltered or open, early or lateness of the season, and the time when the general crops is desired.

In the Central States tubers may be set out as early as May 1st in some sections and from then until the middle of June.

Some of our best blooms have been grown from tubers planted out about June 20, obtaining the choicest flowers during the latter part of September.

Dahlias should be planted from 2½ to 3 feet apart and covered to a depth of four inches.

CACTUS DAHLIAS

THIS is a selection of varieties made with a view of supplying the amateur with an assortment of Cactus sorts, which in our own experience we have found to be the freest-flowering sorts.

ALEXANDER—A grand, dark crimson flower, flushed with maroon; petals of the finest quality, perfect center and splendid habits of growth.

COUNTRESS OF LONSDALE—Yellow, suffused salmon red, tinged violet.

KRIEMHILDE—The color is an exquisite shade of delicate shell-pink. The broad petals are white, forming a beautiful rosette of that color above the pink. It is a profuse bloomer of strong, upright habit.

LIBERTY—Brilliant cherry-red, margined rich velvety maroon. A strong vigorous grower, producing its immense semi-double flowers, 6 to 7 inches across, on 2 ft. stems, in greatest profusion.

MRS. EDWARD MAWLEY—Soft yellow of large size and fine form. Strong grower, and profuse bloomer on long stiff stems.

MONT BLANC—A beautiful glistening white of extra good form, fine for cutting, a new variety that will be sure to please those that try it.

STANDARD BEARER—Bright, pure scarlet. Flowers large, thick and full to center, of symmetrical and perfectly round form, petals semi-quilled. Extraordinarily productive and one of the best red cut flowers.

Price for the above: Each, 15c; Dozen, \$1.50

DAHLIAS—Continued

DECORATIVE DAHLIAS

THE decorative Dahlia is an intermediate class between a Cactus and Show Dahlia. They are the most popular and valuable of double dahlias, as they have the same hardiness of flower as the show without the rigidity of form; and much of the grace and informality of contour of the Cactus, without the corresponding weakness. The flowers are large, full to the center, but of open or irregular formation. They are of varied forms—flat, incurved or reflexed petals—but above all, strong vigorous growers; early and free bloomers. Among this class is found many of the best commercial cut flower varieties.

CATHERINE DUER—Cherry, scarlet, overlaid with crimson, darker at center; its iridescence is unique and very striking, winning much favor as a cut flower variety. Especially good under artificial light.

DELICE—A valuable addition to the cut flower varieties; remains fresh long after cutting, long stems, perfect form. The color is a beautiful, soft glowing rose-pink, shading slightly lighter to the center.

FIRE RAIN—Very profuse bloomer, rich cardinal red.

GOV. WILSON—Bright glowing cardinal red; destined to supplant Lyndhurst, as it is large, richer colored and more profuse bloomer.

GRAND DUKE ALEXIS—A magnificent flower of largest size and distinctly unique form, as the petals are rolled up so that the edges overlap each other. The color is pure white, distinctly tinged delicate pink.

HENRY PATRICK—A splendid pure white, very large and gracefully perfect. A strong, robust grower and always dependable.

JACK ROSE—A magnificent sort, very free flowering and showy in the field, with long stems, and perfect form for cutting. Color, rich crimson-red, with maroon shadings at center. Named for its counterpart among roses, the famous "Gen. Jacq."

KAISERIN AUGUSTA VICTORIA—Pure white flowers borne in great profusion on erect, stout stems, fully 18 inches long, well above the foliage. The immense, perfect flowers can be kept in bloom until Thanksgiving. One of the most valuable Dahlias, growing about 30 inches high, and not requiring support of any kind.

LYNDHURST—One of the best bright scarlets invaluable for cutting; large, perfectly full centers with long stems.



PRINCESS VICTORIA LOUISE—Deep rich cerise, extremely free bloomer.

SYLVIA—Best described as a giant Nymphaea. Flowers 4 to 6 inches in diameter; of fine form and full to the center, which is white shaded to soft pink on the outer petals. Valuable cut-flower for long-distance shipments.

VIRGINIA MAULE—White, delicately suffused shrimp-pink; strong, vigorous grower; flowers borne on long stems well above foliage; of ideal form.

WM. AGNEW—The grandest red Cactus Dahlia, large and fine. Invaluable for its magnificent flowers.

YELLOW DUKE—A splendid primrose-yellow, of good form, and always in flower; fine for cutting.

SHOW AND FANCY DAHLIAS

THE name Show applies to varieties producing large, well formed flowers, having only solid colors but may frequently have shaded tips. Fancy embraces all the variegated varieties.

A. D. LIVONI—A splendid clear pink, beautifully quilled, of perfect form, and very free-flowering.

CRIMSON BALL—(Wacht am Rhine)—Bright crimson edged lighter.

MISS FLORENCE M. SHRAGER—A lovely variety, deep pink with light tips, giving it a soft, warm effect.

PRINCE BISMARCK—Rich velvety purple.

PRINCESS VICTORIA—A sterling novelty, being the earliest and freest-flowering primrose-yellow, never produces an imperfect flower, and is in bloom early and late; long, stiff stems; fine for cutting.

RED HUSSAR—Tall, bushy, upright; with wrinkled highly ornamental foliage. Flowers, full, recurved to ball shape—fiery cardinal, with bronze edge at bottom.

STARTLER—The finest dark colored variety yet introduced. Large, perfectly formed flower. The color is very rich shade of velvety crimson-maroon tipped white; a new, color in show Dahlias. The plant is of strong growth, spreading habit and is very free flowering.

STRIPED BANNER—Scarlet, with white band through the center of each petal.

STORM KING—Still the finest of all white Show Dahlias. An extremely early, profuse and constant bloomer a strong vigorous grower of branching habit, producing large, perfectly shaped flowers on long stiff stems. One of the finest for cut flowers.

WHITE SWAN—In color a pure glistening white and resembling in form the popular Grand Duke Alexis, while in freedom of flowering it is not surpassed by any. It has succeeded in all parts of the country, has been much admired at the exhibitions where shown, and has also met with much favor as a cut flower.

Price for the above: Each, 15c; Dozen, \$1.50

DAHLIAS—Continued

GIANT SINGLE, CENTURY DAHLIAS

THESE magnificent varieties are all of free-branching habit, flowering early, profusely and continuously throughout the season; flowers $4\frac{1}{2}$ to 6 inches across on stems 3 feet long, and when cut, keep in good condition for many days.

CARDINAL "CENTURY"—The brightest dazzling scarlet, without shade or blemish. The flowers are of fine, round form and finish. A profuse bloomer.

CRIMSON CENTURY—Deep, glowing crimson, shaded dark and tipped rose, with rose disc, beautiful combination of colors; better described as a deep rose ground, with rich crimson blotch.

FRINGED 20th CENTURY—The first of a new race, with cleft or serrated petals. A great improvement of 20th Century, much larger, brighter color, while the stems are long, slender and stiff. Color bright rosy crimson, with lighter markings. Height 4 feet.

20th CENTURY—Flowers are very large— $4\frac{1}{2}$ to 6 inches in diameter—of perfect form, exquisite finish; color intense rosy crimson, with white tips and white discs around the yellow center, produc-

ing a brilliant effect. As the season advances, the dark-colored zone becomes lighter.

GOLDEN CENTURY—The sensational golden yellow cut flower variety; owing to its rich shades, immense size, long slender wiry stems and good keeping qualities. Color golden yellow shaded amber, showing up gorgeously under artificial light. The best of all yellows, as a plant or cut flower. Height 4 feet.

GLADY CENTURY—Rich pink, one of the earliest to flower. A beautiful variety, splendid for cutting and one of the best garden sorts in its color. A splendid flower for the exhibition table.

HARVARD—The flowers are of immense size, often reaching 8 inches in diameter, having the same form as Pink Century, and borne on long stems. Intense "Harvard" crimson, with most brilliant, glistening sheen.

MARON CENTURY—Rich maroon, shaded plum; very large and velvety. A strong, vigorous grower, producing large, well-shaped flowers on long stems well above the foliage.

PINK CENTURY—Of gigantic size; a strong, vigorous grower with fern-like foliage. The color is a delicate shell-pink, slightly suffused clear, soft pink.

ROSE PINK "CENTURY"—Clear rose pink. Flowers are of immense size and perfect form; early and profuse.

WHITE CENTURY—The flowers are of immense size—5 to 7 inches in diameter—of a beautiful snow-white.

YELLOW CENTURY—The plant is tall, producing flowers well above the foliage; bright canary-yellow; the flowers measure from 5 to 7 inches in diameter.

Price for the above: Each, 20c; Doz. \$2.00

SMALL FLOWERED DOUBLE OR POMPONE DAHLIA

OF MEDIUM to small size, but firm, compact, and long lasting; invariably with long smooth stems, and blooming with the greatest profusion. Especially good for small bouquets, or dwarf beds.

CRIMSON BEAUTY—A fine and most effective brilliant scarlet variety, raised well above the foliage on strong, stiff stems; splendid for cutting and for garden decoration.

LITTLE HERMAN—Deep carmine, shaded garnet, tipped white.

SNOWCLAD—Rather large, flat-tish flowers; white, with primrose bracts and pink tinge to upper petals.

STAR OF THE EAST—Pure white, long stems.

SUNSHINE—Richest vermillion scarlet, splendid little flowers on long stems.

Price for the above: Each, 15c; Doz., \$1.50.

Dahlias by Parcel Post

See Page 1

Weight of Clumps about $\frac{1}{2}$ lb.



Single Century Dahlias.



ORCHID or LARGE-FLOWERING CANNAS

Ready for shipment during March and April.

DORMANT Canna roots may be started indoors during March or April, but should not be set out until the weather is settled and the ground warm, usually May or June in this latitude. When planting dormant roots, do not set too deep. The eye should show a little through the ground. Plant in good, rich garden soil mixed with one-half of old, rotted stable manure. Set them about 18 inches apart each way. Water sparingly the first two weeks after planting; when growing freely, water liberally. Our list embraces the best of the novelties and old standard varieties, everyone of which we recommend to our customers. We give the approximate height attained by the different varieties so that they may be properly arranged in bedding.

BRONZE LEAF, RED FLOWERING

DAVID HARUM—A very fine, brilliant vermillion. Haw bronze foliage and is very free flowering. One of the finest bronze varieties for bedding. 3½ feet.

EGANDALE—Strong, compact flower stalks; currant flowers; bronze foliage. Finest of this variety. 4 feet high.

KING HUMBERT—A brilliant orange scarlet with bright red shadings. Large trusses of blooms, individual flowers being 6 inches in diameter. Foliage a rich reddish bronze with lighter shadings; is broad and massive, giving the plant a sturdy and stately appearance. 5 feet.

RED FLOWERING, GREEN FOLIAGE

ALPHONSE BOUVIER—Rich velvety crimson. Green foliage. 6 to 7 feet high.

BLACK PRINCE—Flowers very dark velvety crimson, one of the richest of the crimson sort; the cluster of blooms is immense. Foliage dark green with bronze red stalks. Height 4½ feet.

CHARLES HENDERSON—Deep crimson yellow, flame at throat. 3½ feet high.

CRIMSON BEDDER—A fine sort with large spikes of glowing crimson; dark, metallic leaves. 4 feet.

DUKE OF MARLBOROUGH—Of all the deep crimsons this is the finest; exceptionally free flowering. Individual blooms very large.

LOUISIANA—A new giant, vivid scarlet-crimson Canna. The flowers are more than 6 inches across. It grows 6 feet high.

PENNSYLVANIA—Flowers are extra large, often measuring 7 inches across, and on the inside are vermillion scarlet. Foliage rich green. 5 feet high.

RED, GOLD-EDGED CANNAS

ALEMANIA—The outer petals are scarlet, with a broad yellow border. Inside of blooms scarlet and dark red. Green foliage. 4 to 5 feet high.

FLORIDA—Flower large, and orange scarlet in color, streaked and flamed with crimson and yellow; a good grower and profuse bloomer. Height 4 feet.

ITALIA—The center of flower is brilliant red; the outer half of the circumference of each petal being a wide, irregular band of clear yellow. 4½ feet high.

MME. CROZY—Dazzling crimson scarlet, bordered with golden yellow; green foliage. 4 feet.

NIAGARA—Great, handsome trusses; rich, deep crimson, wide, irregular border of deep, golden yellow; fine bedder. True. 3 feet.

ORANGE AND YELLOW SHADES

GLADIATOR—Enormous trusses of blooms. Flowers bright yellow, thickly spotted crimson; valuable bedding kind. 4 feet.

PINK FLOWERING CANNAS

LOUISE—A lovely flower of deep, seashell pink; medium sized flower; luxuriant growth of green foliage. Height 4 feet.

MILE. BERAT—An exquisite shade of pink and very effective when massed with reds and yellows; foliage is a bright green. Grows vigorously. Not over 3½ feet high.

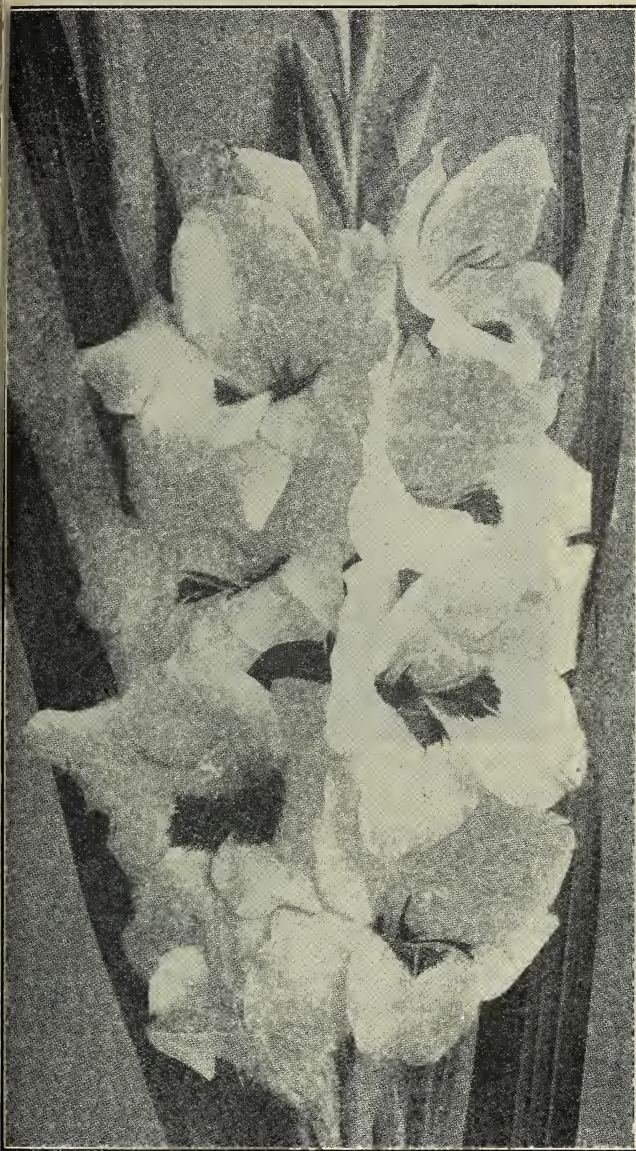
MRS. ALFRED F. CONRAD—A most remarkable variety, with exquisite salmon-pink flowers of largest size in erect and abundantly-furnished heads, so freely produced as to keep a superb showing of bloom for months; 4 feet.

MARTHA WASHINGTON—A compact, dwarf bedding Canna with a magnificent show of wide flower heads; color deep, brilliant rose. 3 feet.

Extra Strong Roots—Price: Cannas in the above list, 75 cts. per doz., \$5 per 100

SELECT GLADIOLI

Gladiolus by Parcel Post See Page 1. Weight of Dozen Gladiolus, 1 Lb.



BARON HULOT—Rich, royal violet-blue; one of the finest in its color. When this Gladiolus is cut and arranged in combination with Sulphur King, the contrast is truly exquisite, and it should be in every collection. **Price: Doz., 30c; 100 for \$1.75.**

EUROPA—The finest pure white Gladiolus. This new variety is of perfect form, produced on strong, stiff, tall spikes, usually bearing from 20 to 25 pure white blooms. The flowers open very rapidly and it is not uncommon to have from ten to twelve of these open at the same time; the formation is very close and compact, making a perfect spike from the time when the first bud opens until the last. **Price: Doz., \$1.00; 100 for \$8.00.**

THE Gladiolus is one of the most called-for of our Summer-flowering bulbs.

In the following list of varieties we offer only those which we have grown with satisfactory results.

It is needless to say that Gladioli at the present time produce some of the finest colors and most exquisite shades; especially beautiful are the delicate contrasts of the outer segments and the deep veining and heavily colored blotches of the throat, thus making the Gladiolus one of the most attractive Summer-flowering bulbs. We advise the planting of Gladioli during May and June, and should successive plantings be made, flowers may be had until October.

Gladioli thrive in almost any good garden soil; but if well prepared, by adding stable manure, better results may be obtained.

Exposure to the sun is necessary at all times. Bulbs may be planted in rows single or double, leaving about four inches between bulbs and drills two feet part; plant the bulbs four inches deep. This method is most advisable when growing for cut blooms.

When mass effect is desired, bulbs should be planted from six to eight inches apart and four inches deep; this applies to planting in beds, borders and among shrubbery. We recommend the purchasing of Gladioli as early as possible, especially of the new and choice sorts. Most of the recent introductions do not produce bulblets as readily as the more common varieties, and the supply is always limited, to a certain extent.

Early orders usually get more prompt attention, and we can devote more time to each order than it is possible to allow during April and May. Why not start a bed of Gladioli this Spring, and be surprised with the results?

In cutting Gladioli for the house, it is best to cut the spikes as soon as the first one or two lower flowers are open. The remainder will open in the house. Remove the faded flowers, cut a little off the stem, and change the water every day; treated in this way, a spike will last a week or ten days.

AMERICA—A splendid new Gladiolus. The color is a soft pink very much like the Enchantress Carnation except slightly tinged with lavender, effecting a perfect color harmony. A splendid bedding sort and an excellent cut flower. In 1907 the America was awarded the Certificate of Merit, by the Horticultural Society of Washington, Boston and New York. It is undoubtedly the most desirable variety in the market. Extra large bulbs. **Price: Doz., 25c; 100, \$1.50.**

AUGUSTA—Flowers are of perfect paper white, with a slight pink shade on lower half of the petal. The spike is set solid and perfect with the flowers from top to bottom. **Price: Doz., 30c; 100 for \$1.75.**

HALLEY—The predominating color of these flowers is delicate salmon pink with a slight roseate tinge, though the lower petals bear a creamy blotch with a stripe of bright red through the center, the whole producing a delightful effect. **Price: Doz., 25c; 100 for \$1.50.**

INDEPENDENCE—A brilliant rose-pink, with richly marked throat; a long spike of wax-like flowers; one of the best for cut-flowers or massing, because of its color and lasting quality of the blooms. **Price: Doz., 25c; 100 for \$1.50.**

GLADIOLI—Continued

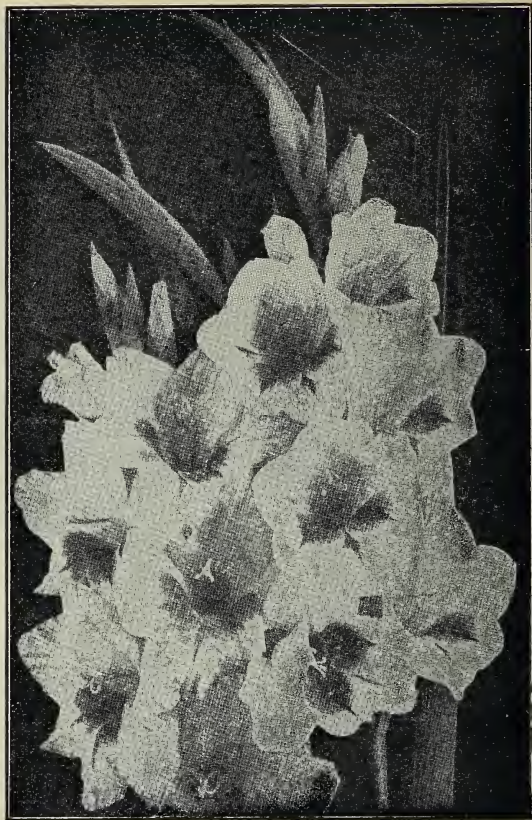
MRS. FRANCIS KING—Is a strong grower, vigorous and healthy. Has long, strong foliage and effective flower-spikes, with a goodly number of reserve buds continually opening. The magnificent flowers measure $4\frac{1}{2}$ inches across, and there are five or six flowers well spread out on the spike at the same time, giving for vases in hotel lobbies and dining-rooms, parlor decorations, etc., an effect not produced by any other Gladiolus. The color, brilliant flamingo-pink, blazed with vermilion-red, is most effective both in daylight and under artificial light. As a seller in flower stores it has brought better prices than any other kind except America, which, with its soft pink flowers, excels Mrs. Francis King for floral design work and for that only. **Price: Doz., 25c; 100 for \$1.50.**

NIAGARA—In type the variety resembles America, but the flowers appear to be somewhat larger, measuring $4\frac{1}{2}$ inches across. In color the flowers are a delightful cream-shade, with the two lower inside petals or segments blending to canary-yellow. The throat is splashed with carmine, and the lower ends of the outside petals are also blushed with carmine. The stamens are purple and the stigmas pale carmine. This little addition in the coloring relieving the creamy effect of the petals. The flower-spike is very erect and stout and is wrapped with broad, dark green foliage. The variety is evidently destined to lead in the cream-colored varieties, in fact it would seem to be in a class by itself. **Price: Doz., \$1.00; 100 for \$8.00.**

PANAMA—Exquisite and magnificent, being fully the equal of America in form and size, but superior to it in color, being more on the order of salmon-pink. Wherever this variety has been exhibited it has secured first premiums. European growers have endeavored to secure the entire stock. **Price: Doz., 50c; 100 for \$4.00.**

PEACE—One of the grandest white introductions of 1912, that will retain its place among the good white varieties for some time to come. The pale lilac feathering on the inferior petals, together with its strong, broad, rich green foliage and spike, make it a most desirable Gladiolus in any collection. This variety seems to produce blooms of a better white later in the season than most sorts. Bulbs planted late in June have produced wonderful flowers in September. **Price: Doz., 75c; 100 for \$6.00.**

PINK BEAUTY—The finest Gladiolus of the present time. In color it is the most exquisite deep pink, with a very conspicuous maroon-red blotch in the throat on the lower petals. It is without doubt, one of the strongest growing varieties in existence, attaining a height from four to six feet. The foliage is exceptionally broad and of a beautiful deep green color, adding immensely to the characteristics of the plant. The flower stem, which is quite hardwooded, serves to support the immense spike of flowers through heavy winds. **Price: Doz., 25c; 100 for \$1.50.**



PRINCEPS, GIANT FLOWERED GLADIOLUS—This magnificent new hybrid is an unusually healthy robust variety, producing spikes often 3 feet long, carrying from 18 to 22 broad, round-petaled immense flowers, about 6 inches across, of perfect and open form and waxy substance. The coloring is glowing scarlet-crimson, enlivened below the throat by a large-feathered white blotch sprinkled with scarlet. The spikes continue to lengthen and produce bloom for several weeks; often four of these glorious flowers are expanded at one time, and, on account of the vigor of the plant, the tips develop almost as large and perfect flowers as those at the base, and frequently side growth and spikes are produced, thus lengthening the flowering period. **Price: Doz., 30c; 100, \$2.00.**

GLADIOLUS MIXTURES

ST. L. S. CO., SUPERB MIXTURE

COMPOSED of choicest named varieties, including the finest, showy, large flowering seedlings, and latest introductions. All are strong, healthy, upright growth and flowers are of immense size. We prepare this mixture for those who desire a complete range of color and in large quantities at a reasonable price. It will be found of exceptional value, quality and diversity of color. We offer large blooming bulbs only. Nothing better has ever been offered for the price. **Doz., 20c; 100, \$1.50.**

GARDEN MIXTURE

THIS is our popular, low-priced mixture, and is composed of fine sorts, in all colors, in first-size bulbs only. We have tested many brands of mixtures, some of them costing twice as much as this, but have never seen any which surpassed it in variety of coloring or general excellence, and, whether wanted for planting for effect or for cutting, will be found entirely satisfactory. **Price: Per Doz., 20c; Per 100, \$1.25.**

Use Sheep Manure On Your Flower Beds



Caladium.

AMARYLLIS

THE Amaryllis is pre-eminently a window garden plant for the amateur, producing under the simplest conditions one, two and even three spikes, two feet or more high, which are crowned with from three to six large and gorgeous trumpet-shaped blooms, which last long in good condition.

	Each	Doz.
BELLADONNA MAJOR —Large; violet and white .....	.15	\$1.50
JOHNSONII —Very large flower, of a rich crimson-scarlet color, striped with white .....	.35	3.50
Extra large bulbs .....	.25	2.50
Medium size		

BANANA PLANT

THE grandest of all Bananas; the leaves are magnificent, long, broad and massive; of beautiful green, with a broad, crimson midrib; the plant grows luxuriantly from 8 to 12 feet high. During the hot summer, when planted out, it grows rapidly and attains gigantic proportions, producing a tropical effect on the lawn or flower garden. Strong plants. \$1.00 to \$1.50 Each.

CINNAMON VINE

ABEAUTIFUL, rapid-growing summer climber, with bright green, glossy foliage, and spikes of deliciously cinnamon-scented, white flowers. It is perfectly hardy, the stem dying down in winter, but growing with great rapidity in the spring, so as to cover any trellis or arbor very early in the season. Large, select roots. Price: Per Doz., 20c.

MADEIRA VINE

AFAVORITE tuberous-rooted climbing plant with dense and beautiful shining foliage and of very rapid growth, twining on strings to a great height or formig garlands in many fanciful forms. It will grow anywhere, but does best in a warm, sheltered, sunny location. It is also a very pretty plant for training around the windows in the house. Price: Per Lb., 20c.

CALADIUM ESCULENTUM

(Elephant's Ear.)

ONE of the most effective plants in cultivation for beds, borders or for planting out upon the lawn; they are used extensively in many of the public parks, where their decorative value is greatly appreciated. To obtain the best results it should be planted where it will obtain plenty of water and an abundance of rich compost. When full size it stands 5 to 7 feet high, and bears immense light green leaves, 3 to 4 feet long by 2½ feet wide.

	Each	Per Doz.	Weight Each
Mammoth bulbs	40c	\$4.00	2 lb.
Large "	25c	2.50	1 "
First size "	15c	1.50	½ "
Second size "	10c	1.00	¼ "
Medium "	05c	.50	

DARK STEM CALADIUMS

THE leaves are large and of a distinct bluish tint color. The stems are dark purple. Very rapid grower. Price: Each, 20c; Doz., \$2.00.

FANCY-LEAVED CALADIUMS

CALADIUMS, **Fancy Leaved**—Dry bulbs, 1½ to 2 inches in diameter. For window boxes, show plants or greenhouse growing they are invaluable. Rich, thrifty leaves, handsomer than Begonias; marbled, veined and striped with white, pink and dark red. Bulbs should be started into growth about April 1st, in a warm house. Price: Each, 30c; 6 for \$1.25.

BEGONIAS

TUBEROUS-ROOTED

BEAGONIAS are indispensable for shady places, and every garden possesses one or more shady spots. May be planted out of doors latter part of May. Started in the house during March and April, the first flowers will appear in June and increase with the season, the plants attaining their height of perfection just before frost sets in. Keep constantly moist.

SINGLE-FLOWERING BEGONIAS

	Doz.	100
Pink	\$0.50	\$3.50
Scarlet .....	.50	3.50
White .....	.50	3.50
Yellow .....	.50	3.50
Mixture of all Colors .....	.50	3.50

DOUBLE-FLOWERING BEGONIAS

	Doz.	100
Rose	\$1.00	\$7.00
Scarlet	1.00	7.00
White	1.00	7.00
Yellow	1.00	7.00

LILY OF THE VALLEY

ALOVELY little hardy perennial, widely planted everywhere for its delicate sprays of drooping white bells and their delightful fragrance. Is often starved and neglected and relegated to some poor, out-of-the-way corner; but this popular and fragrant subject, like most other plants, repays for being well treated; and if the bed is given a liberal top-dressing of well-decayed manure, along in February or March, it will show the effect of increased size, number and vigor of the flowers. The stock we offer is strong clumps, especially suited for outdoor planting, which should be done before the end of April. Price: 25 for 50c; 100 for \$2.00.

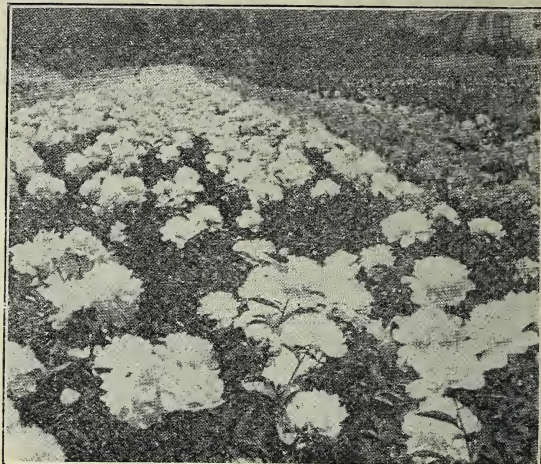
HERBACEOUS PEONIES

Sent by Express Only.

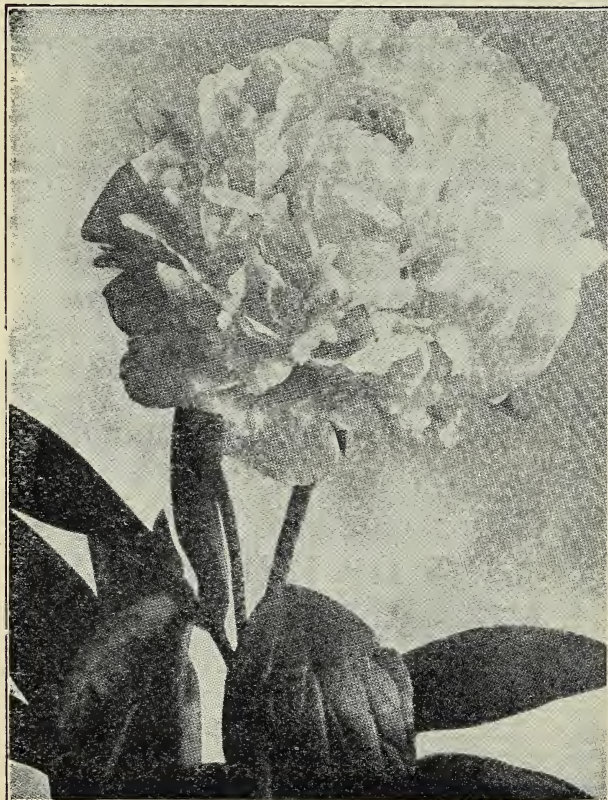
Time of Delivery—All roots can be delivered from early March until the end of April, and again from September on and until freezing time in the Fall.

THE old-fashioned Peony officinalis of our grandmother's garden, while still popular because of their early flowering, have been eclipsed by the wonderful improvement sorts introduced in recent years. They are the "Queen of Spring Flowers," and are well adapted for massing in beds, and particularly valuable for planting in groups throughout the perennial or shrubbery border where their brilliant hues add attraction to all around. Their requirements are so simple—a good, rich, deep soil, and an open, sunny position, which, however, is not absolutely necessary, as they thrive almost equally well in a partly shaded position, and a liberal supply of water during their growing season being sufficient to give an abundance and wealth of flowers, which rival the finest roses in coloring and fragrance, and produce during their flowering season a gorgeous effect not equalled by any flower. They are perfectly hardy, requiring no protection whatever, even in the most severe climate, are not troubled with insect pests or diseases of any kind, and once planted take care of themselves, increasing in beauty each year.

An important point to observe in the planting of Herbaceous Peonies is not to plant too deep. The roots should be placed so that the crowns are covered with 2 inches of soil. Too deep planting is a frequent cause of shy flowering.



Peony.



Festiva Maxima.

DUCHESS DE NEMOURS—Medium size, cup-shaped bloom, pure white, fragrant. Very vigorous, free bloomer. Early. Price: Each, 25c; 10 for \$2.25.

DUCHESS D'Orleans—Deep, pink, fine bud, one of the best keepers. Each, 25c; 10 for \$2.25.

EDULIS SUPERBA—Beautiful deep rose pink, large and of good form, fragrant, and one of the earliest. Growth strong, vigorous, blooms profusely and an extra good variety for cut flowers. Price: Each 25c; 10 for \$2.25.

FESTIVA MAXIMA—For enormous size combined with wondrous beauty this variety has stood unsurpassed for over sixty years. Pure paper white flaked with purplish carmine on some of the center petals. Early, very fragrant, rose type. Of vigorous growth, with very long heavy stems. Indispensable in all collections. You can't plant too many Festiva Maxima. Price: Each, 35c; 10 for \$3.00.

FLORAL TREASURE—Bright delicate shell pink, large, fragrant and a free bloomer in clusters; vigorous; much used for cut flowers. Rose type; midseason. Price: Each, 30c; 10 for \$3.00.

MARIE LEMOINE—Large, very compact, rose type, pure white with cream white center. Odor pleasant. Medium height. Late. Price: Each, 35c; 10 for \$3.00.

MARECHAL VAILLANT—Blood red; one of the largest, of fine form; fragrant; a good keeper; strong, rather spreading growth; a very showy flower. Rose type; very late. Price: Each, 35c; 10 for \$3.00.

RUBRA SUPERBA—Deep glowing crimson without stamens; very large and very full rose type flower; fragrant; a vigorous grower with long, strong stems and a free bloomer; very late. A magnificent variety. Price: Each, 35c; 10 for \$3.00.

QUEEN VICTORIA—A strong-growing pure white variety with creamy-white center. Price: Each, 25c; 10 for \$2.25.

OFFICIANALLIS VARIETIES

This is the old-fashioned Peony; flowering ten days earlier than the above.

RUBRA—Red. Price: Each, 25c; 10 for \$2.00.

ROSEA—Rose. Price: Each, 25c; 10 for \$2.00.

ALBA—White. Price: Each, 25c; 10 for \$2.00.

TUBEROSE

By Mail add 10c Doz. Postage.

THE flowers of this popular plant are waxy-white, one of the most delightfully fragrant and beautiful of the summer-flowering bulbs. By skillful management a succession of flowers may be obtained all the year round. For early flowers they can be started in February or March in the green house or hotbed; and for a succession they can be planted at intervals as late as July. For flowering in the open border, plant about the middle of May, or as soon as the ground becomes warm.

EXCELSIOR DOUBLE PEARL—Extra large bulbs. Price: 6 for 15c; Doz., 25c; 100, \$2.00.

VARIEGATED-LEAVED—A single white Tuberose. The flower spikes are very large and evenly filled; it commences to flower in July and August. Showy and effective, even when not in bloom, the foliage being distinctly striped white and green. Price: Doz., 25c; 100, \$2.00.

ARMSTRONG'S EVERBLOOMING—This variety blooms year after year and produces single pure white flowers of a fragrance similar to that of the "Jasine." It makes a splendid cut flower and should be in everyone's garden. Price: Doz., 25c; 100, \$2.00.

HARDY JAPAN LILIES

By Mail add 15s Doz. Postage.

LILIES have always been regarded as among the most beautiful of garden plants. Of queenly beauty, faultless purity and stately form, too much cannot be said in their praise and we are glad to notice their increasing popularity from year to year. Nearly every variety will, with a little care, endure the severity of our winters and many are among the most hardy of our garden flowers.

Bulbs should be planted as soon as the frost is out of the ground; the earlier the better. Select a well drained spot, dig the soil deep and make it fine, enriching it abundantly with well rotted cow manure, adding a liberal mixture of sand. Set the bulbs from three to five inches deep according to size. During the winter it is advisable to cover the surface of the bed with a thin layer of manure which will afford a slight protection to the bulbs and also materially enrich the soil. In spring the manure may be removed or dug in between the rows. Care should be taken that they have proper drainage, no water being allowed to stand around the roots. Once firmly established, they should not be disturbed oftener than once in five years.

AURATUM—The glorious, gold-banded lily of Japan and one of the most superb plants in cultivation. Its immense ivory-white flowers are thickly studded with yellow and crimson spots, while in the center of each petal is a golden band, fading at its edges into the white. Such choice bulbs as we offer, if well cared for, will give five to ten magnificent flowers the first year and under good cultivation will, after becoming well established give from ten to fifty. Price: Each, 15c; Doz., \$1.50.

SPECIOSUM ALBUM—Pure white flowers with a greenish band through the center of each petal; of great substance, very fragrant. One of the best for general culture. Price: 15c; Doz., \$1.50.

SPECIOSUM RUBRUM—No words can overstate the brilliant beauty of these famous Japanese Lilies. The six broad white or pink petals are thickly dotted with rose or crimson spots and the graceful form and brilliant color make them very effective and desirable. Especially thrifty and hardy. One of the best for garden culture. Price: Each, 15c; Doz., \$1.50.

MELPOMENE—Words cannot describe the beauty of this variety. Frosted white spotted, clouded and bordered with pinkish crimson. Petals deeply recurved and widely bordered. Price: Each, 15c; Doz., \$1.50.

TRIGRINUM FLORE PLENO (Double Tiger Lily)—This magnificent lily is of stately habit, bearing great clusters of very large, double flowers on tall, strong stems; color, bright orange-red spotted with black. Height out doors in the open usually three to six feet. Price: 10c; Doz., \$1.00.



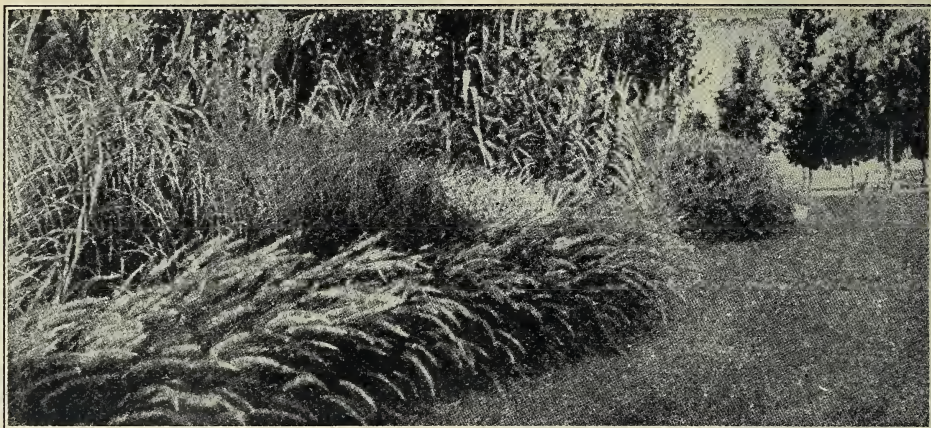
Tuberoses.



Lilium Auratum.

BEAUTIFUL LAWNS

NEED FLOWERS TO MAKE
THEM COMPLETE



HARDY PERENNIAL PLANTS

Plants ready for Delivery about April 20th.

Perennial plants in Doz. lots best sent by Express.

OF ALL the plants that are cultivated for purely ornamental purposes there are none which have made such rapid strides in public favor as the **Old-fashioned Hardy Garden Flowers**, the inhabitants of the perennial garden. Their popularity is not at all surprising when we consider the many varied and pleasant changes which take place throughout the entire growing season in a well-arranged hardy garden, in which every week—yes, every day—brings forth something fresh and new to interest and delight even the most critical.

ACHILLEA

(Millfoil or Yarrow)

THE PEARL—The flowers are borne in great profusion and are pure white; double; blooms all summer, 2 feet. **Price: Each, 15c; Doz., \$1.50.**

AQUILEGIA

(Columbine)

THESE are the most beautiful hardy plants, with graceful spurred flowers of charming colors. **COERULE HYBRIDA**—**Price: Each, 15c; Doz., \$1.50.**

HARDY ASTERS

THESE are among the showiest late flowering hardy plants. Grow in any soil, they bloom in September and October.

NOVA ANGLIA—Large, bluish purple, with yellow center; September and October; 4 feet.

WHITE QUEEN—Large white; very free; 4 feet.

RYECROFT—Pink; soft, rosy pink; 4 feet.

LAEVIS—Lavender blue; 4 feet. Any variety. **Price: Each, 15c; Doz., \$1.50.**

ANTHEMIS

(Marguerite)

A VERY satisfactory summer flowering perennial, succeeding in poorest soil. Blooms entire summer, 15 inches.

TINCTORIA—Dense, bushy habit, large golden yellow flowers. **Price: Each, 15c; Doz., \$1.50.**

BELLIS PERENNIS

(English Daisy)

A FAVORITE perennial, which will stand the winter if given the protection of a little litter. In bloom from early Spring until well on in the Summer. **Price: Doz., 50c.**

CAMPANULAS

(Bell Flower)

PERSICIFOLIA GIGANTIC MOERHEIMI—This novelty is doubtless the best pure white Campanula hitherto introduced. The new form remains even more dwarf, not surpassing two feet in height, whereas its free flowering properties are truly wonderful, even the smallest spike being covered with large double flowers, suggesting Camellias. May to August. **Price: Each, 15c; Doz., \$1.50.**

MEDIA (Canterbury Bells)—Well-known favorite; flowers are of varied colors; July; two or three feet. **Price: Each, 15c; Doz., \$1.50.**

PYRAMIDALIS—The most conspicuous of all Campanulas. Forming a perfect pyramid four to six feet high; crowned with large saucer-like flowers. **Price: Each, 15c; Doz., \$1.50.**

COREOPSIS

LANCEOLATA GRANDIFLORA—This handsome variety is now probably the most popular perennial plant in cultivation. It begins to flower early in June and continues in flower until cut down by severe freezing weather. It is continually one mass of golden-yellow. It is easily grown, is perfectly hardy and succeeds in almost any position, and after once planted takes care of itself. The flowers, which are of graceful form, are invaluable for cutting for decorative purposes; 18 inches high. **Price: Each, 15c; Doz., \$1.50.**

CHRYSANTHEMUM

(Hardy Pompon)

ONE of the most popular of all perennials. They produce a lavish profusion of blooms, giving color, life and beauty to the garden just at a time when other plants have been killed by frost.

EAGLE d'OR—Finest golden yellow. **Price: Each, 15c; Doz., \$1.50.**

GOLDEN FLEECE—Clear yellow. **Price: Each, 15c; Doz., \$1.50.**

PRINCESS OF WALES—A fine white. **Price: Each, 15c; Doz., \$1.50.**

QUEEN OF BULGARIA—Rich rose-crimson. **Price: Each, 15c; Doz., \$1.50.**

PERENNIAL PLANTS—Continued



Dianthus.

DIELYTRA

SPECTABILIS (Bleeding Heart)—Adapted for out-door planting, doing splendidly in semi-shaded position or for forcing for early spring blooming. It bears long racemes of graceful, heart-shaped pink flowers; 18 inches high. **Price: Each, 15c; Doz., \$1.50.**

DIANTHUS (Pink—Hardy Garden)

DWARF, hardy pinks, bearing double flowers of rich colors, decided improvements on the old sorts; 6 to 9 inches high.

COMET—Bright rosy-crimson; a fine, large flower. **Price: Each, 15c; Doz., \$1.50.**

DELICATA—Soft, pleasing, delicate rose. **Price: Each, 15c; Doz., \$1.50.**

ELSIE—Bright rose, maroon center. **Price: Each, 15c; Doz., \$1.50.**

HER MAJESTY—Large flowers of purest white. **Price: Each, 15c; Doz., \$1.50.**

DIGITALIS (Fox Glove)

OLD-fashioned perennial, throwing stalks four to six feet out of a mass of foliage, flowering profusely.

GLOXINIAEFLORA—The old-fashioned Foxgloves are always pretty. We can supply them in the following shades. **White, Purple, Lilac, Rose.** Grow 3 to 4 ft. high. **Price: Each, 15c; Doz., \$1.50.**



Digitalis—Foxglove.

DELPHINIUMS (Hardy Larkspur)

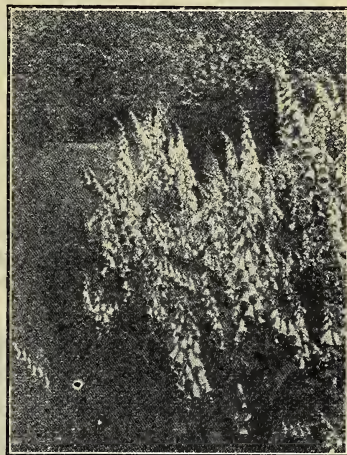
THE hardy Larkspurs are one of the most important and most satisfactory plants in the herbaceous garden and should be planted extensively even in the smallest garden. Their long spikes of flowers are produced continuously from June until late in the Fall.

CHINENSIS—A very pretty variety, growing only 18 inches high, with large open panicles of handsome flowers, varying in color through all the light shades of blue. **Price: Each, 15c; Doz., \$1.50.**

CHINENSIS ALBA—This beautiful white sort is unsurpassed and deserves a position in every garden; 2 feet. **Price: Each, 15c; Doz., \$1.50.**

BELLADONNA—Cannot be recommended too highly on account of its large, lovely sky-blue flowers, which are heightened in richness by a distinct silvery sheen; remarkable free-flowering; beginning in May, it continues a mass of bloom until late in fall; 3 to 4 feet high. **Price: Each, 15c; Doz., \$1.50.**

FORMOSUM—Probably the best known and most popular of the Larkspurs, producing long spikes of deep blue flowers, with white eye; one of the best; 3 to 4 feet high. **Price: Each, 15c; Doz., \$1.50.**

PLANT
THE BEST

Delphinium—Larkspur.

FERNS (Hardy)

THESE Plants thrive in most any partially shaded place. Require a loose, rich soil for successful growth.

ASSORTED VARIETIES—**Price: Each, 15c; Doz., \$1.50.**

GILLARDIA (Blanket Flower)

GRANDIFLORA—A showy and effective perennial. Flowers red, brown center, petals marked with rings of crimson and orange; two feet. Flowers from June to the end of season. **Price: Each, 15c; Doz., \$1.50.**

GRASSES (Hardy Ornamental)

ZEBRINA (Zebra Grass)—The long blades of this variety are marked with broad yellow bands across the leaf. It makes a very attractive specimen plant for the lawn. Height 2 feet. **Price: Each, 15c.**

GYNERIUM ARGENTEUM (Pampas Grass)—One of the most effective. Its silvery plumes are produced on stems eight to ten feet high. Well-established plants can remain in the open ground if protected. **Price: Each, 15c.**

PHALARIS ARUNDINACEA VARIEGATA (Variegated Ribbon Grass, or Gardener's Garters)—Large, variegated foliage; an excellent grass for bordering large beds. **Price: Each, 15c.**

Use Sheep Manure on Your Flower Beds

PERENNIAL PLANTS—Continued

HELIANTHUS (Sunflower)

THE perennial Sunflowers are among the most effective hardy plants for large borders, for planting among shrubbery or as clumps on the lawn. They are remarkably free flowering, will succeed in any soil, and are invaluable for decorative purposes as cut flowers during the summer.

MAXIMILLIANA—A most graceful single-flowered variety, growing from 5 to 7 feet high, continuing in bloom very late in the season. The flowers are produced in long, graceful sprays, which make it invaluable for cutting purposes. **Price: Each, 15c; Doz., \$1.50.**

DAVIDIANA—Lemon-yellow, single flowers about 3 inches in diameter; narrow petals, very distinct; 8 to 10 feet. August. **Price: Each, 15c; Doz., \$1.50.**

SOLEIL D'OR—Deep golden-yellow, quilled petals, not unlike a Dahlia; 4 feet; August and September. **Price: Each, 15c; Doz., \$1.50.**

HIBISCUS (Mallow)

MOSCHEUTOS—Crimson eye; immense white flowers; crimson center; 24 inches in circumference; blooms all summer; four feet. **Price: Each, 15c.**

HOLLYHOCKS

FEW hardy plants combine as many good qualities as the Hollyhocks; the flowers form perfect rosettes of the most lovely shades and colors. A well-drained, rich soil will repay in quantity and beautiful flowers. A slight protection during the winter will be beneficial.

SINGLE VARIETIES—Mixed colors. **Price: Each, 15c; Doz., \$1.50.**

DOUBLE VARIETIES—Red, white, pink, yellow. **Price: Each, 15c; Doz., \$1.50.**

LOBELIAS

CARDINALS (Cardinal Flowers)—Rich, fiery scarlet flowers; 24-36-inch spikes, each plant producing 10 to 18 spikes; July to September. Thrives in a moist situation. **Price: Each, 15c; Doz., \$1.50.**

IRIS-GERMANICA

HECTOR—Light bronze, stained with purple; fine. **Price: Each, 15c; Doz., \$1.50.**



Showing Improvements of Home Grounds.

JORDAN—Both standards and falls, light mauve. **Price: Each, 15c; Doz., \$1.50.**

JOHAN de WITT—Standards bluish-violet; falls deep violet-purple. **Price: Each, 15c; Doz., \$1.50.**

L'AVENIR—Lavender, a beautiful shade. **Price: Each, 15c; Doz., \$1.50.**

LIABAUD—Yellow and maroon; fine. **Price: Each, 15c; Doz., \$1.50.**

MADAM CHEREAU—Clear white, handsomely feathered and bordered with blue; undulated edge. **Price: Each, 15c; Doz., \$1.50.**

PUMILA—Dwarf, bluish purple; first to flower; 3 to 6 inches. April and May; fine for borders. **Price: Each, 15c; Doz., \$1.50.**

SHAKESPEARE—Standards straw-yellow, veined with burnt umber; falls deep carmine violet. **Price: Each, 15c; Doz., \$1.50.**

SPECTABILIS—Light and deep violet-purple. **Price: Each, 15c; Doz., \$1.50.**

IRIS KAEMPFERI (Japanese Iris)

THESE magnificent Irises are among the most beautiful of our summer-flowering plants, and are destined to become more popular every season. They commence blooming about the middle of June and continue in bloom for five or six weeks. Many of these flowers measure from 10 to 12 inches in diameter, and rival the orchids in their rich colorings and markings. While the Iris succeeds in almost any soil, and under any conditions, they delight in a rich, deep, wet position, and should be abundantly supplied with manure and water. Grow about 30 to 36 inches high.

No. SIX-PETALLED VARIETIES.

- 5—**KOKI-NO-IRO**—Rich royal-purple with white veinings.
- 10—**SHIGA-NO-URA-NAMI**—Violet purple, veined white.
- 25—**SENJO-NO-HORA**—One of the most beautiful mottled varieties, six large petals, evenly variegated throughout with white and deep purple, which is so intense as to give the flower a dark crimson reflex.
- 29—**RISH-NO-TOMI**—Silvery white veined and dotted violet-blue.
- 35—**SHISHI-ODORI**—Six large petals, upon first opening a rich velvety-purple, changing to deep purple as the flowers mature; golden yellow center.
- 36—**KUMO-UBI**—Pure light violet with golden center.
- 47—**REJO-NO-TOMA**—Light violet with white halo and veinings.
- 53—**SAMIDARE**—Silvery white, veined rich ultramarine blue.
- 60—**BAGARIBI**—Ground color white, beautifully traced and marbled with ultramarine-blue in such a manner as appear lace-like.
- 72—**UJI-NO-HOTARU**—Bright violet-purple, shaded blue.
- 74—**RENKAKU**—White, densely spotted violet-blue.
- 87—**KABATA**—Plumbago-blue, shading to almost pure white.

Any of the above—**Price: Each, 20c; 10 for \$2.00.**



Iris.

PERENNIAL PLANTS—Continued



Phlox.

RUDEBECKIA (Cone Flower)

GOLDEN GLOW—A very robust grower; five to six inches. Produces masses of rich golden yellow flowers. Price: Each, 15c; Doz., \$1.50.

STOKESIA

(Corn Flower or Stokes Aster)

CYANEA—Bears handsome lavender-blue flowers from July to October, measuring from four to five inches across. One of the most desirable border plants; 18 to 24 inches high. Price: Each, 15c; Doz., \$1.50.

SWEET WILLIAM (Dianthus)

BARBATUS SINGLE MIXED (Sweet William)—For many years the Sweet William has been esteemed as one of the finest of our hardy garden plants, being of easy culture, thriving in any good garden soil and lasting for years. The plants grow about 1 foot high and form fine clumps. Our improved strains produce in greatest profusion very large florets in large heads and of a great variety of extremely rich colors. Price: Each, 15c; Doz., \$1.50.

TRITOMA (Red Hot Poker)

PITZERII—Ever blooming Flame Flower, Flowers in spikes three to four feet high of a rich orange scarlet; August to November. Price: Each, 15c.

VIOLETS

THESE hardy varieties will give satisfaction, blooming profusely in the early Spring.

SWEET VIOLETS—Large double, deep purple, delightfully fragrant. Price: Each, 15c; Doz., \$1.50.

YUCCA (Adams' Needle)

FILAMENTOSA—This plant can be classed at the head of the herbaceous perennials. Price: Each, 25c.

PAPAVER (Poppy)

P. ORIENTALE (Oriental Poppy)—We offer them in mixed colors; 18 to 24 inches high. Price: Each, 20c; Doz., \$1.75.

PRIMULUS (Primrose)

P. PERFECTLY hardy; indispensable for borders and rockeries; 1 foot, White, purple, blue, lilac. Price: Each, 15c; Doz., \$1.50.

PYRETHRUM

FLOWERS similar to single asters. Very good for cutting; June; assorted colors. Price: Each, 15c; Doz., \$1.50.

PHLOX (Hardy)

THE Perennial Phloxes are among the most useful and desirable of our hardy herbaceous plants, and should be planted largely. They succeed in any position and can be used to advantage either as single specimens in the mixed border, or as large clumps or beds in the garden or lawn. Range in height from 2½ to 3 feet.

ELIZABETH CAMPBELL (Dwarf)—Very bright salmon-pink, with lighter shadings and dark crimson eye, an entirely new and much wanted shade in Phlox. Price: Each, 15c; Doz., \$1.50.

H. O. WIJERS—Pure white, with crimson, carmine eye. Price: Each, 15c; Doz., \$1.50.

JULES CAMBON (Medium)—Brilliant reddish-purple, with exceptionally large, pure white center. Price: Each, 15c; Doz., \$1.50.

SUNSHINE (Dwarf)—Large, aniline-red, with crimson-red eye and light halo. Price: Each, 15c; Doz., \$1.50.

VON LASSBURG (Medium)—The purest white, flowers larger than any other white. Price: Each, 15c; Doz., \$1.50.



Sweet William.

LAWN ROLLERS

YOUR LAWN NEEDS A ROLLER.

DUNHAM "WATER WEIGHT" ROLLER

THE advantages of a roller, the weight of which can be increased or lightened with pleasure, can scarcely be overestimated. Often on light or sandy soil, or on newly made lawns or in early spring when the ground is moist; or after a rainy spell, a lighter-weight roller is a necessity; then on thick sward or on hard soil, on walks and roads, a heavy roller is needed. With a **Water Ballast Roller** one can secure any weight desired, between minimum and maximum, by simply removing a thumb-cap from each end and filling the two hollow sections with as much water or sand as may be needed, which is easily and quickly done with a hose or through a funnel; and the roller is as quickly emptied. The inside being heavily galvanized, it will last for years.

With Counter-Balancing Handle Weights.

No. HW6—24 inches long; 24 inches in diameter; weight, empty, 185 pounds; filled with water, 560 pounds. **Price: \$13.00.**

No. HW4—18 inches long; 24 inches in diameter; weight, empty, 135 pounds; filled with water, 360 pounds. **Price: \$11.50.**

No. HW2—14 inches long; 20 inches in diameter; weight, empty, 120 pounds; filled with water, 260 pounds. **Price: \$9.50.**

Without Handle Weights.

No. WB7—24 inches long; 24 inches in diameter; weight, empty, 115 pounds; filled with water, 500 pounds. **Price \$11.50.**

No. WB5—24 inches long; 18 inches in diameter; weight, empty, 80 pounds; filled with water, 310 pounds. **Price: \$9.50.**

No. WB3—20 inches long; 14 inches in diameter; weight, empty, 65 pounds; filled with water, 200 pounds. **Price \$8.00.**

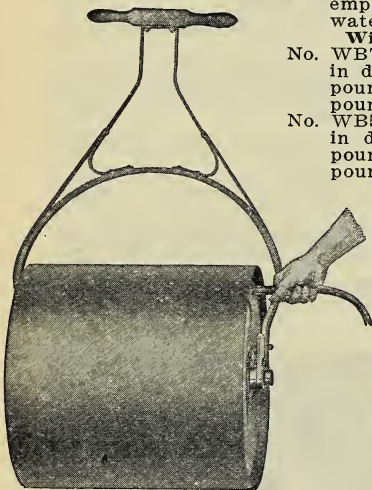
ONE HORSE LAWN AND GOLF ROLLER

THIS style of roller is designed for use of large areas and heavy work. It is furnished with shaft and single-tree; the operator's seat is all steel with double leaf seat spring. It rides comfortable, the weight box is all steel, the axle is heavy machine steel, lathe turned.

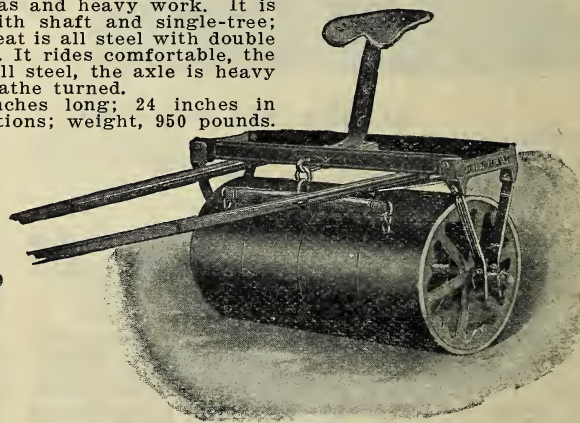
No. 42—50 inches long; 24 inches in diameter; 5 sections; weight, 950 pounds. **Price: \$54.00.**



Water Weight.

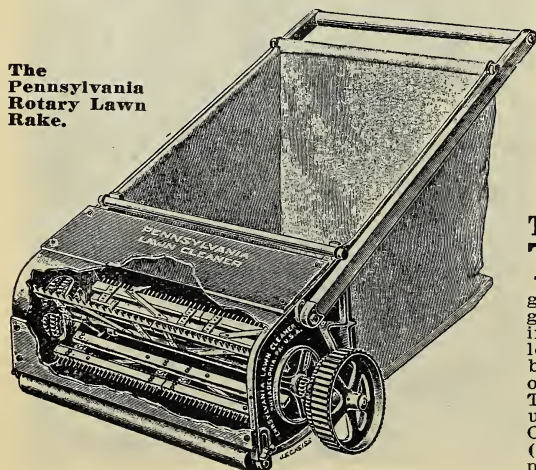


Without Handle Weights.



One Horse Golf Roller.

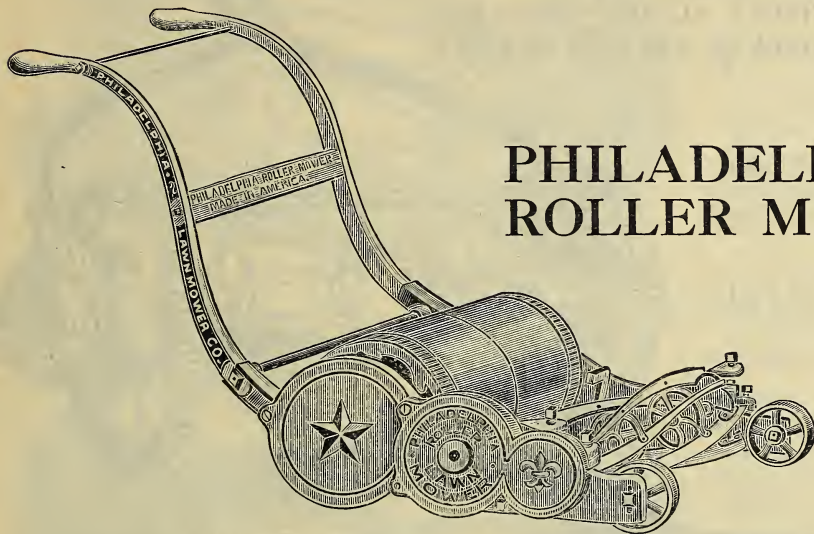
The Pennsylvania Rotary Lawn Rake.



THE PENNSYLVANIA ROTARY LAWN RAKE

THIS is virtually a revolving lawn comb, having flexible steel wire teeth which go between the blades of grass and comb out all dead grass, crab grass, leaves, sticks and other rubbish. It leaves the grass standing upright. The action of the three revolving rakes raises up the creeping crab grass and other low growing weeds so the lawn mower can cut them before going to seed, thus effectually ridding the lawn of annual weeds. It has a dumpable collecting box. This work is most effectually accomplished by the use of the Pennsylvania Gem Lawn Cleaner and Rake. One man can do more work than four with rakes. (See cut.) **Price: 24-inch machine, \$15.00.** (Weight packed for shipment, 90 Lbs.)

GENUINE
“PHILADELPHIA”
 LAWN MOWERS
 ARE MADE OF THE BEST VANADIUM CRUCIBLE STEEL



**PHILADELPHIA
 ROLLER MOWER**

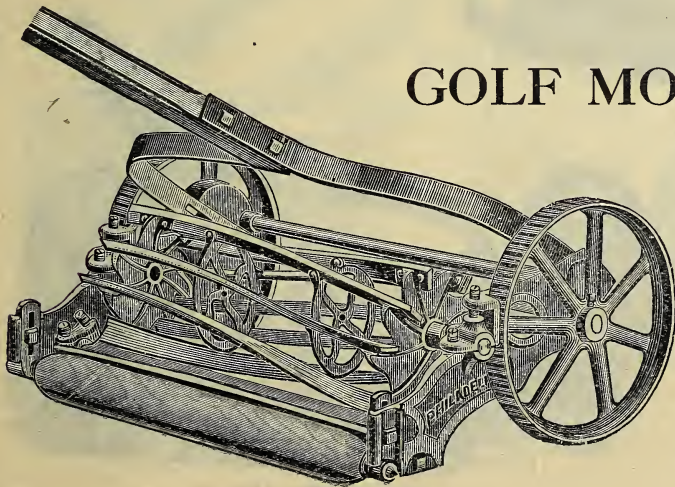
THIS Roller Mower is specially designed for use on well kept Lawns, Tennis Courts, Golf Links, Bowling Greens and Cricket Grounds, where very low, fine and even work is essential.

It is simple and effective, the gears being entirely enclosed, keeping them free from dirt, and insuring smooth running and light draft. The front wheels being placed inside the frames enable the mower to cut closely around flower beds, borders, close to fences, etc.

Specially designed Grass Boxes can be furnished when desired. The Mower can also be supplied with adjustable wooden front roller in place of front wheels.

7-inch Cylinder with 6 blades; Height of Drums, 12 inches; Height of Cut $\frac{1}{8}$ to $\frac{3}{4}$ inches. **Price: 18-inch, \$26.00.**

GOLF MOWER



RECOMMENDED especially for Putting greens now found in many prominent golf-courses. It is also adapted for tennis-courts, cricket-creases, and other lawns requiring a close, smooth cut, or the ordinary lawns. This mower will cut to $\frac{1}{8}$ of an inch.

Cylinder with 8 blades, Driving Wheel, 10 inches, Diameter of Cylinder, $7\frac{1}{2}$ inches, Train of 3 gears, Double Ratchet. Removable Box Caps to take out Cylinder for sharpening. Fitted with self-oiling Cups, lasting for 5 hours' continuous use. **Price: 19-inch, \$16.25.**

EVERY PART OF A GENUINE

“PHILADELPHIA”

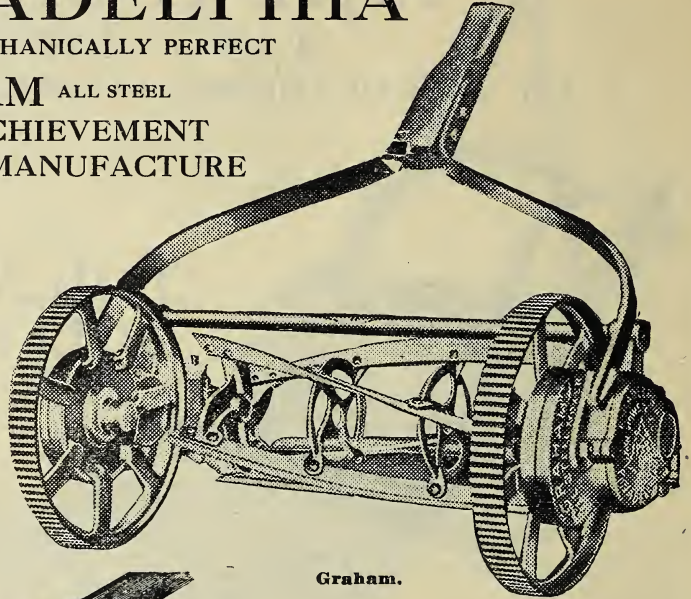
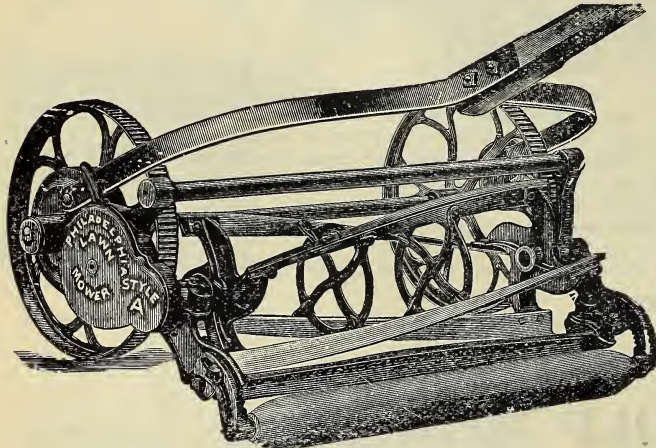
IS MECHANICALLY PERFECT

STYLE **GRAHAM** ALL STEEL**THE HIGHEST ACHIEVEMENT
IN LAWN MOWER MANUFACTURE**

THE genuine All Steel “Philadelphia” is recognized as the standard Lawn Mower. It is guaranteed against imperfections and warranted to give entire satisfaction.

Cylinder with 4 blades, Driving Wheel, 10 inches, Diameter of Cylinder, $6\frac{1}{2}$ inches, Train of 3 gears, Double Ratchet. Price: 19-in., \$16.25.

Guaranteed to give perfect satisfaction.

**Graham.****Philadelphia, Style A.****STYLE A “ALL STEEL MOWER”**

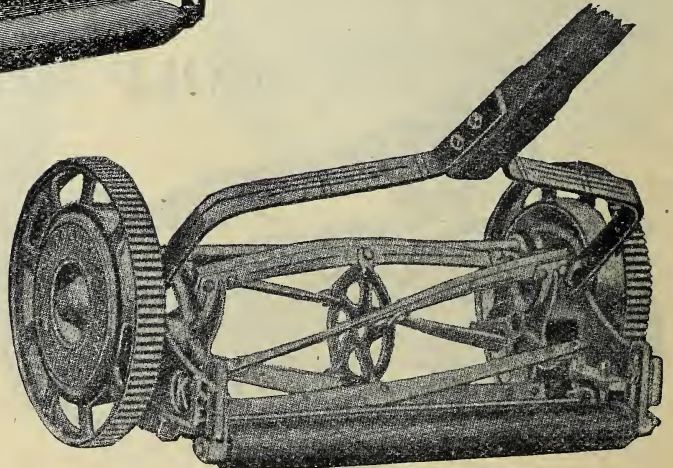
MADE entirely of steel—Light in weight and draft; has long and large bearings. A durable and satisfactory mower for fine work.

Cylinder with 4-in. Blades. Driving Wheel 10 in. Diameter of Cylinder $6\frac{1}{2}$ in. Train of 3 gears. Double Ratchet. Price: 17-in., \$12.50; 19-in., \$14.00. Guaranteed to give perfect satisfaction.

STYLE K

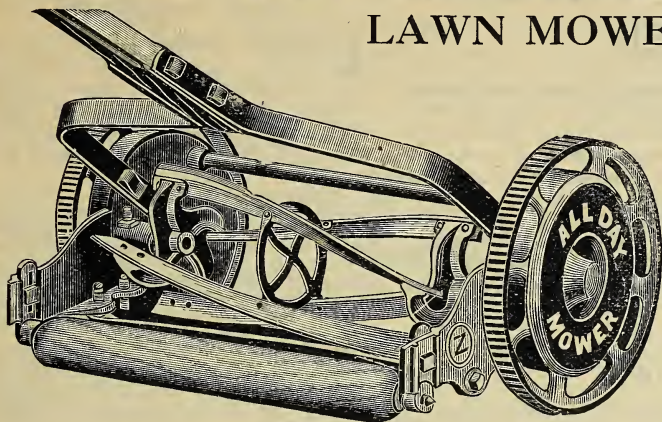
SINGLE pinion, geared on both sides. For all-round general purposes this is one of the best style mowers on the market. With its high wheels it runs light, and with five knives it cuts smooth and even, with the principles of construction so evenly balanced that it has the greatest amount of durability.

Cylinder with 5 blades, Driving Wheel, 10 inches, Diameter of Cylinder, $6\frac{1}{2}$ inches. Price: 16-in., \$9.50; 18-in., \$10.25. Guaranteed to give perfect satisfaction.

**Philadelphia, Style K.**

"PHILADELPHIA"

LAWN MOWERS



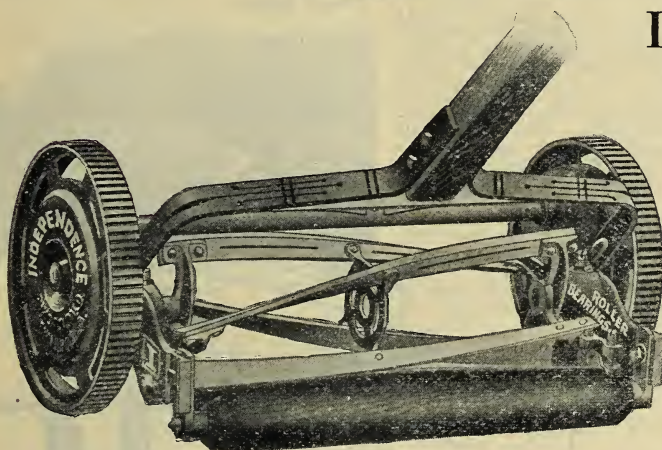
ALL DAY

(Trade Mark Registered.)

SUPERIOR to other low-priced mowers. It is mechanically proportioned, runs light, and does fine work. Thousands now in use. 10-inch wheels; 4 blades.

Cylinder with 4 blades, Driving Wheel, 10 inches, Diameter of Cylinder, 6½ inches. Price: 16-inch, \$5.15; 18-inch, \$5.25.

INDEPENDENCE LAWN MOWER



THESE mowers are made of the finest material it is possible to procure, by expert mechanics and in the same high class manner, in the same factory where the Genuine "PHILADELPHIA" Mowers have been made for over 46 years, and which have become famous throughout the world.

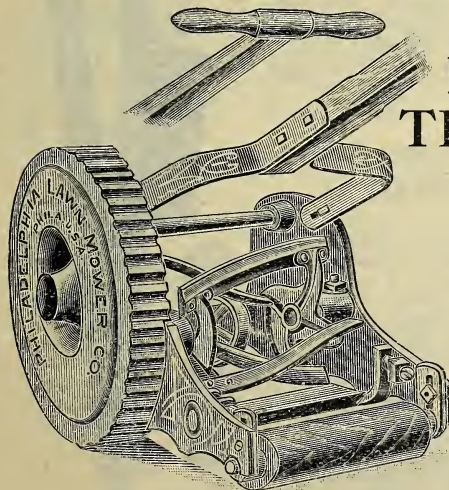
ROLLER BEARING—9-inch wheel, 4 blades. Price: 16-inch, \$6.50; 18-inch, \$7.00.

NEW

FOR all-round general purposes this is one of the best style Mowers on the market. With its high wheels it runs light, and 3 knives it cuts smooth and even.

Cylinder with 3 blades, Driving Wheel, 8 inches, Diameter of Cylinder, 5¼ inches. Price: 16-inch, \$3.50; 18-inch, \$3.75.

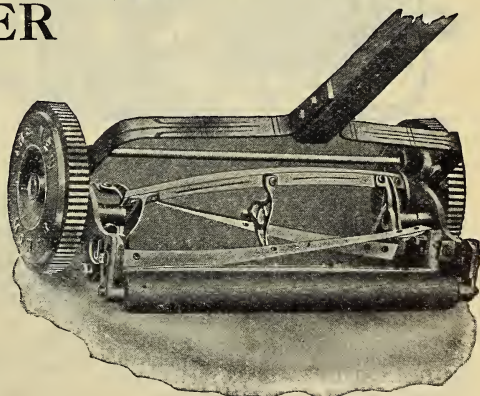
LAWN TRIMMER



Lawn Trimmer.

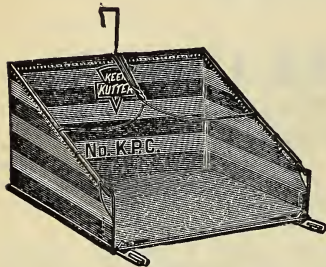
AN EXCELLENT machine for finishing and trimming fine lawns and borders. A saving of time and easier than trimming by hand, producing better results.

Cylinder with 4 blades, Driving Wheel, 8 inches, Diameter of Cylinder, 5¼ in. Cuts within ¼ inch of Edge. Price: \$4.75.



New.

DETACHABLE GRASS CATCHER



GAUGE Galvanized Wire Frame, Covered with Extra Quality 8 ounce Green and White Striped Canvas, sides and back; one piece, 27 Gauge galvanized iron bottom, with slightly turned up edge on front; complete with handle hook and adjustable bracket for fastening to mower. Price: 14-inch and 16-inch, \$1.00; 18-inch and 20-inch, \$1.25.

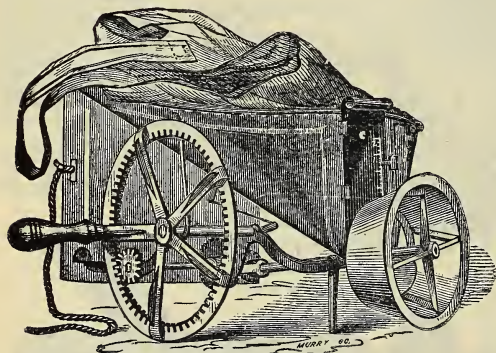
CYCLONE SEED SOWER

A Good Large Sower That Meets the Most Exacting Demands.



THIS machine is in a class by itself and stands out with individuality of perfection, having a slope feed board, and oscillating feed agitating device, an automatic feed adjustment, a non-solder joint, double flange distributing wheel with interlock hub. The base is concave, which rests the sower nicely against the side of operator in the most restful and easy position to carry and operate.

The material used in the construction of the Cyclone is of the best throughout. The machine is practically and mechanically built. The hopper or sack has a capacity of $\frac{1}{2}$ bushel. It sows with ease to the operator all varieties of grain and grass seed perfectly even. Price: \$1.50.



Calhoon Seeder.

CALHOON'S BROADCAST SOWER

FOR sowing Clover, Timothy, Millet, Oats, Wheat, Hemp, Barley, Rye, Rice, Buckwheat, etc. Standard Seeder of the World—A Model for Accuracy and Durability—Malleable Iron Frame—Steel Hopper and Gate—Brass Discharger.

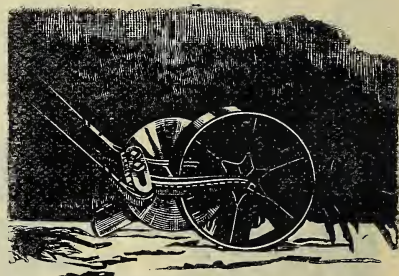
The breadth of the cast will be according to the weight of the seed. Wheat and Rye, 30 to 36 feet. Oats, 21 to 25 feet. Barley, 27 to 33 feet. Clover, Millet, Hungarian Seed, 20 to 24 feet. Hemp, 27 to 30 feet. Timothy, 15 to 18 feet. Price: \$2.75.

PLANET JR. GRASS EDGER

Packed weight, 26 Lbs.

EXTREME Neatness is the great secret of attractiveness in grounds surrounding a house. The Planet Jr. Grass Edger assists wonderfully in producing this effect. It will edge either straight or curved work, paths, drives, open borders or flower beds, doing the work well and rapidly.

CEMENT WALKS—Thousands of miles of cement walks are still edged slowly, laboriously and poorly, with a spade or sod cutter. With the Planet Jr. Edger you can edge them symmetrically with charming effect, at the speed of a walk. The Planet Jr. Edger cuts out a "V" shaped piece of sod, leaving a uniform finish to the sidewalk, the last word in neatness and beauty. By means of a simple adjustment the tool may be used either for cement or gravel walks and drives, or for flower beds. Price: \$6.00.



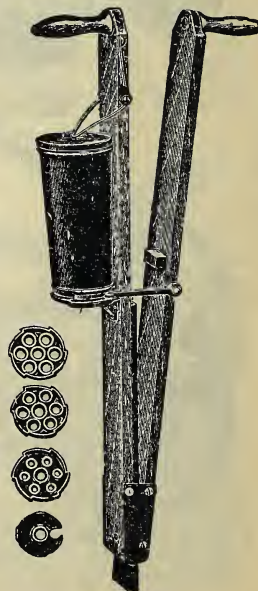
Grass Edger.

CORN PLANTER

THE ECLIPSE ROTARY — Has positive feed. Four changes of disc, (one disc. for seed or broom corn). No planter is complete without wheel to drop one grain to re-plant drilled corn. Price: Each, 90c.

LIGHTNING SEED SOWER

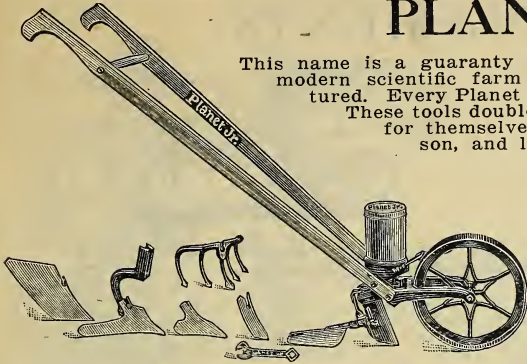
HAS long tin sectional tube, having sack attached, also has adjustable feed for different grains and quantities. Suitable for small seeds only. Will spread seed evenly from 30 to 40 feet. Method of sowing is by swinging tube in horizontal position from right to left, which closely resembles the old method by hand. Gives control over seed on a circle of 8 feet before it leaves the tube, and the wind has no chance to blow seed into bunches before it strikes the ground. Price: 75c.



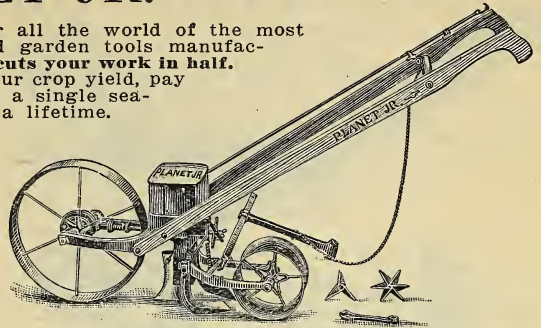
Corn Planter.

PLANET JR.

This name is a guaranty over all the world of the most modern scientific farm and garden tools manufactured. Every Planet Jr. cuts your work in half. These tools double your crop yield, pay for themselves in a single season, and last a lifetime.



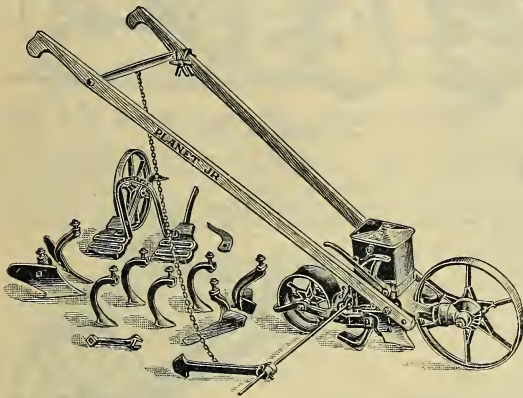
THE No. 31 IS A NEW PLANET JR. Combined Seeder and Wheel Hoe designed for small gardeners. It combines a thoroughly reliable Seeder that will sow all garden seeds from the smallest up to peas and beans with a first-class light running Wheel Hoe. A practical tool for a man, the growing boy or for the woman who delights in having a good garden, but who has little time to spend in it. Price complete, \$7.00.



No. 3 Planet Jr. Hill and Drill Seeder.

A favorite among onion-growers, market-gardeners. The hill dropping is simple and reliable, making hills either 4, 6, 8, 12 or 24 inches apart.

15-inch Steel Drive Wheel. Holds 3 Quarts of Seed. Weight, packed, 44 lbs. Price: \$10.00.

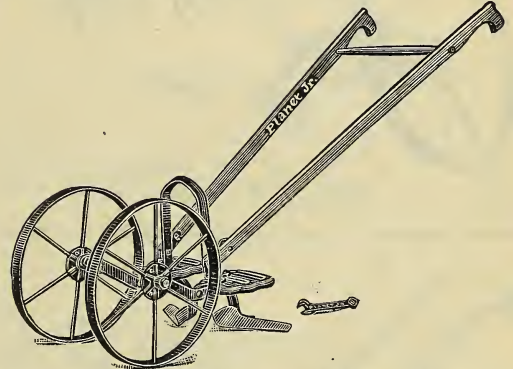
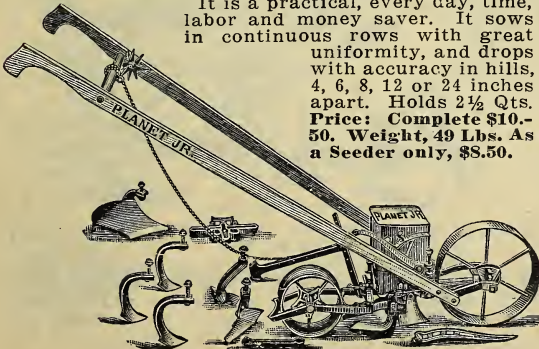


No. 25 Planet Jr. Combined Hill and Drill Seeder and Double Wheel Hoe, Cultivator and Plow.

This new combined machine is intended for gardeners who have a large enough acreage in crops for a Double Wheel Hoe to be used, and yet prefer not to buy seeders and wheel hoes separately. Weight, packed, 59 lbs. Holds 2½ Quarts of Seed. Price, \$13.00.

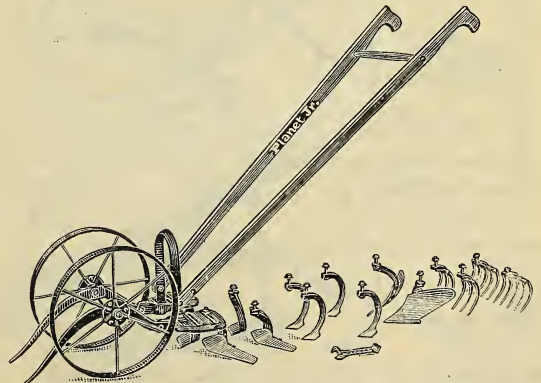
No. 4 Planet Jr. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow.

It is a practical, every day, time, labor and money saver. It sows in continuous rows with great uniformity, and drops with accuracy in hills, 4, 6, 8, 12 or 24 inches apart. Holds 2½ Qts. Price: Complete \$10.50. Weight, 49 Lbs. As a Seeder only, \$8.50.



No. 13 Planet Jr. Double and Single Wheel Hoe Combined.

One pair of 6-inch hoes, oil tempered. Steel frame. 14-inch steel wheels. Packed weight, 28 lbs. Price, \$4.50.



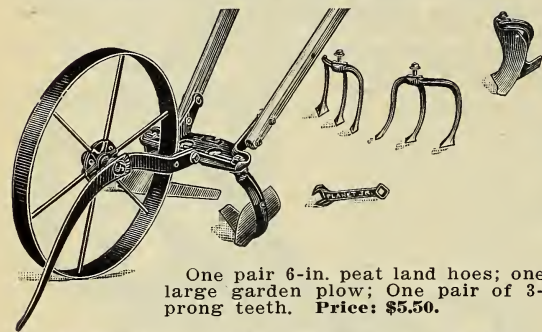
No. 11 Planet Jr. Double Wheel Hoe, Cultivator, Plow and Rake.

High Wheels (14-inch), Heavy Steel Spokes, Steel Frames. Steels Specially Hardened. Weight, packed, 37 lbs. Price: \$8.50.

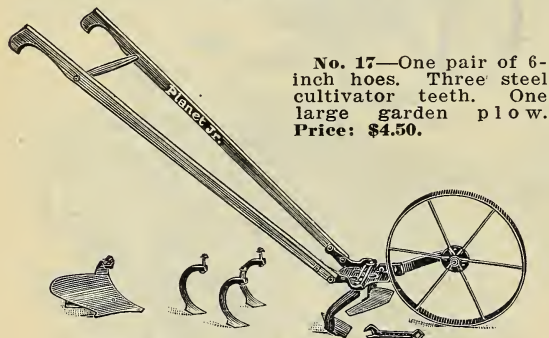
GARDEN IMPLEMENTS



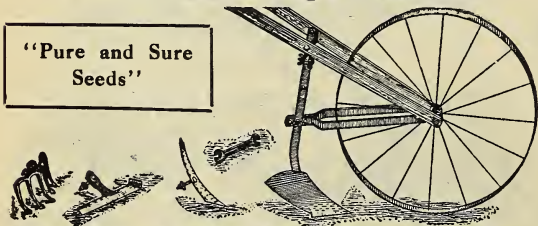
No. 12 Planet Jr. Double Wheel Hoe, Cultivator.



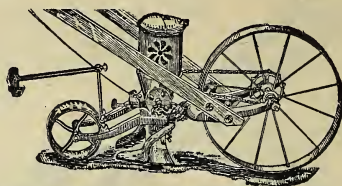
No. 39 Planet Jr. Single Wheel Hoe, Cultivator and Plow.



No. 17 Planet Jr. Single Wheel Hoe.

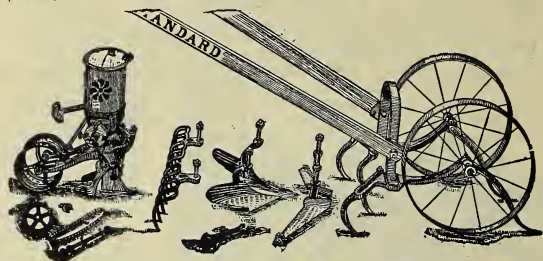


Standard No. 20, New Style with 24-inch Wheel.
THIS machine is made to use where a cheaper one is desired, such as in home gardens and for the market gardener to use in cultivating crops of larger vegetables. It is strong and durable, is adjustable in height by loosening a thumb nut. We recommend this for the price, **Price: \$3.00.**



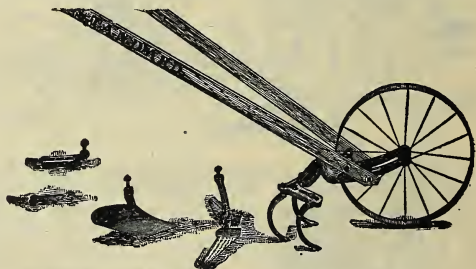
The Standard No. 14—Hill and Drill Seeder.

THIS drill is perfect in construction, is light but strong and well balanced. Will sow any kind of garden seed, either in hills 4, 6, 8, 12, 24 inches apart in the row, or in continuous drill. Has revolving agitator, will not clog. It has 16-inch steel wheel with 1 1/4-inch tire; chain drive. **Price: \$8.00.**



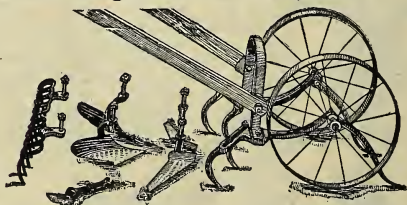
No. 9 Combined Double and Single Wheel Hoe, Hill and Drill Seeder.

HERE is a complete machine. Simplest to change from one style to another. No other make like it. It has come to stay. We recommend the Standard as always giving good results. You have three separate machines in this one only. **Price: \$11.00.**



Standard No. 22, Single Wheel Hoe.

A SINGLE wheel hoe, but can be used astride the row as well as for between rows. Very light running on account of good-sized wheel. Fine for small home gardens. **Price: \$4.50.**



Standard No. 4 Single and Double Wheel Hoe, Both in One.

OF ALL labor-saving tools, this cannot be surpassed. Can be changed from one to the other in a few seconds, thereby saves buying two separate machines when you don't have work for both at same time. Frame all malleable iron attachments, with steel shovels. **Price: \$6.00.**

"Pure and Sure
Seeds"

GARDEN IMPLEMENTS

Reversible Steel
Lawn Rake.Acme Weeder or
Hand Cultivator.

Potato Hook.



Garden Rake.



Garden Hoe.



Weeding Hoe.



Spading Fork.



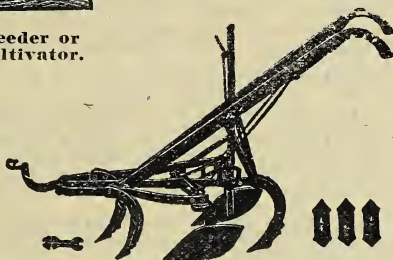
Spade.

OUR ALL-ROUND
14-TOOTH HARROW

An indispensable tool for garden work, teeth are reversible, also can be set at different angles. Price: \$4.50; Wheel for same, 75c. Extra.

OUR
"ALL-ROUND"
HORSE HOE AND
CULTIVATOR

A good machine for every gardener at a low cost, all steel but the handles, with extra shovels as shown. Price: \$5.25; Wheel, 75c. Extra.



CLIMAX WEED PULLER—A neat little tool, very much used by landscape gardeners and lawn-makers everywhere. For cutting out weeds, dandelion, etc. Price: Each, only 75c.

GARDEN SET—Three Pieces; Shovel 6x4 3/4 inch Blade, 42-inch Handle; Hoe 4x3 1/2-inch Blade, 48-inch Handle; Rake 5 1/4-inch Head with Six 2 1/2-inch Bent Teeth. Price: \$1.15 per Set.

GARDEN HOE—Highest grade crucible forged steel, oil tempered polished blade. Price: 75c.

POTATO HOOK—Highest grade crucible forged steel tumbled finish prongs, oil tempered and carefully tested; bent head. Price: 75c.

SPADING FORK—Four flat diamond back tumbled finished tines, 6 1/4 inches long; spread (extreme width) 6 inches; malleable D handle, with wood grip. Price: 75c.

GARDEN RAKES—Gravel, with short teeth, for walks and driveways. Price: 16 teeth, 75c.

WEEDING HOE—Highest grade crucible forged steel, oil tempered, polished blades and prongs. Price: 40c.

ACME WEEDER OR HAND CULTIVATOR—Combination hoe and cultivator combined. Made of solid steel. (See cut.) Price: 75c.

LAWN RAKE, OLE OLSON—The teeth in this rake are mortised through the head and chinned in a way that holds them absolutely tight and rigid. 26 Teeth Price 75c.

LAWN RAKE—Heavily tinned steel teeth. The arched teeth for leaves and litter, and the opposite side for fine cut grass. Twenty-four teeth closely set in a 21-inch head. Price: Each, 50c.

MEHLER'S HANDY WEEDER (New Way)—Just the thing for working among flowers and young vegetable plants. Each, 75c.

MEHLER'S HANDY GARDENER—Combined garden tool. Price: \$1.00.

MEHLER'S HANDY GRASS EDGER—Price: \$1.25. SPADE—Are made from best Tempered Steel, fitted with select ash handles. Price: Each, 75c.

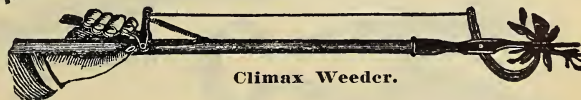
TURF EDGER—9-inch crucible steel polished blade, tempered and sharpened; gold bronzed solid steel socket; blade and socket in one piece; 4 foot selected ash handle. Price: 85c.



Rake.



Turf Edger.



Climax Weeder.

GARDEN IMPLEMENTS—Continued

ASPARAGUS KNIFE—Keen Kutter; Highest Grade Crucible Steel, Highly Polished Blade, $7\frac{3}{4}$ in. Long; $1\frac{1}{4}$ in. Blade, Fastened by Two Rivets in Highly Polished Hardwood Handle. Price: Each, 40c.

E. Z. HAND WEEDER—(See cut.) Price: Each, 10c.

EXCELSIOR HAND WEEDER—For weeding seed beds, stirring soil in hot beds, etc. Price: Each, 10c; 3 for 25c.

FRUIT PICKERS—Attach to pole of any desired length. Saves all climbing, especially on young trees. Price: Each, 40c.

GARDEN DIBBLE—All iron; is used for transplanting small plants. Has polished steel point. Price: Each, 35c; 3 for \$1.00. D. Handle 40.

GARDEN TROWEL—4-inch, riveted handle. Price: Each, 15c.

GARDEN TROWEL—FORGED STEEL—8 inch handle best steel. Price: Each, 25c.

GARDEN TROWEL—FORGED STEEL—Made of one piece of steel, they are strong and stout. For market gardeners use they are the very best trowels. Price: 5-inch, 35c; 7-inch, 45c.

TRANSPLANTING TROWELS—Made of the same material as the above. Price: 5-inch, 10c; 7-inch, 15c.

LADY'S GARDEN TROWEL—Used for transplanting. Price: Each, 5c.

HAND WEEDING FORK—Price: $3\frac{1}{2}$ -inch, 10c.

HAND SPADING FORK—These forks are well made, the tines are polished about half-way and adjoining part enameled blue. Price: 11 inch, 20c.

HAZELTINE'S HAND WEEDER—One of the most useful garden tools made. Every owner of a garden should have one. Price: Each, 25c.

LANG'S HAND WEEDER—In our opinion this is the best of all weeders. Price: Each, 25c.

HEDGE SHEARS—8-inch, with notch. The "notch" is at the heel of the blades, for cutting small branches. Price: \$1.50; 6-inch, 90c.

PRUNING SHEARS—Very strong steel blades and good spring. Price: Each, 50c.

RHODES DOUBLE CUT PRUNING SHEARS—30-inch handle. Price: Each, \$2.50.

LOPPING SHEARS—Handles 20 inches long. For cutting heavy branches. Price: 75c.

STEEL GRASS SHEARS—For trimming edges on walks or borders. The best made. Price: Each, 50c.

WATER'S TREE PRUNERS—The best Pruner on the market. Price: 8 ft., \$1.00; 10 ft., \$1.25.

WEEDER—Erado—Has two knives which enables the operator to cut off the tops of weeds with one-half the work that implements with only one blade necessitate. The knives are fastened in the metal so that they cannot be broken off. Price: \$1.00.



Lopping Shears.



Garden Dibble.



Garden Trowels.



Hazeltime's Hand Weeder.



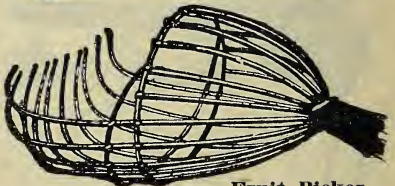
Transplanting Trowel.



Garden Trowel, Forged Steel.



Pruning Shears.



Fruit Picker.



Hand Spading Fork.



Garden Trowel Long Handle, 8-inch.



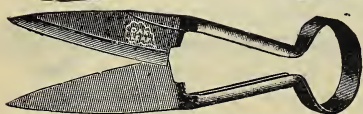
Excelsior Hand Weeder.



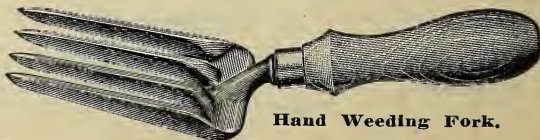
Lang's Weeder.



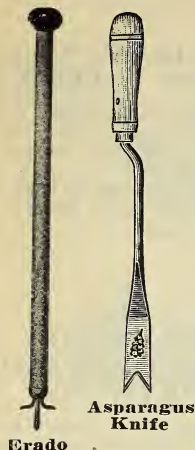
Hedge Shears.



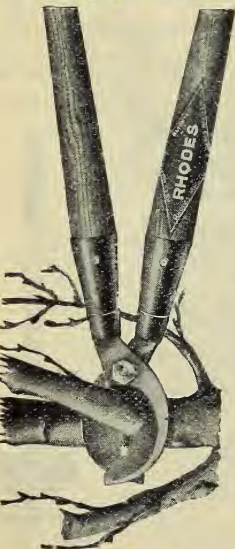
Steel Grass Shears.



Hand Weeding Fork.



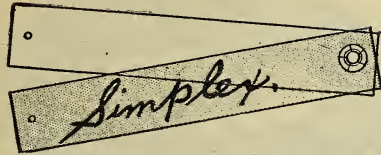
Asparagus Knife

WATER'S
IMPROVED
TREE PRUNER.

GARDEN IMPLEMENTS—Continued



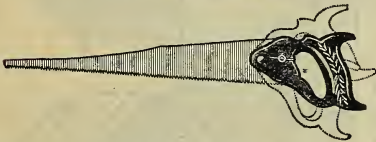
Clay Hanging Basket.



Weatherproof Plant Label.



Orchard Pruning Saw.



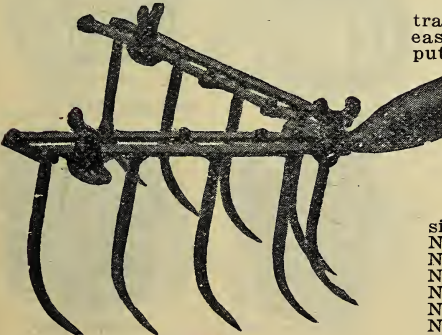
Pruning Saw.



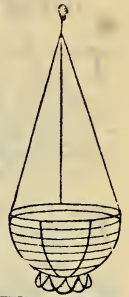
Corn Knife.



Wheelbarrow.



Pull Easy.



Wire Hanging Basket.

HANGING BASKET, WIRE—Price: Each, 12 in., 30c; 14 in., 40c.

HANGING BASKET, CLAY—Made of Red Clay. (See cut.) Price: 10 in., 40c; 12 in., 50c.

CORN KNIFE CLIPPER—Gold bronzed cast steel blade with polished cutting edge; 17½ inches long; 1½ inches wide; 5½-inch Waxed, natural finish swelled handle; steel ferrule; tang extends through handle and riveted at end. Price: 35c.

CORN KNIFE, DISSTON—Tempered, ground and polished cast steel blade; 15 gauge; 15 inches long, 3 inches wide at point; 8-inch riveted plain beech handle. Price: 50c.

PRUNING SAW—Highest grade crucible steel, polished and Etched Blade, with Adjustable Cherrywood handle. Price: 60c.

ORCHARD PRUNING SAW—Hook and Saw without pole; 10-inch slender tooth, crescent shaped, crucible steel saw; Japaned malleable iron hook and socket; 4¾ inches long; socket 1½ inches inside diameter; steel knife with shank 5 inches long. Price: \$1.35.

THE PULL-EASY is the best cultivator for the army of early risers, who faithfully tend a little patch of green things in the back yard. Every part is of the best material, the teeth are drop-forged steel, set in an indestructible plate. The handle is perfectly smooth, of straight-grained, tough white-ash. Price: Each, 90c.

WHEELBARROW—Painted red, seasoned hardwood frame and body; strongly braced front and legs; black painted steel wheel.

Length of bed 28 inches; diameter of wheel 18 inches; length over all 63 inches. Price: \$3.50.

CELERY RIBBON—We can supply you with this in a blue shade, about ¾-inch wide on wooden spools of 1000 yards each. Price: Per Spool, Heavy Blue, \$2.00; Red, \$1.75.

BUNCHING TWINE—4 ply, Tip Top Brand. Price: 5-Lb. Sax \$1.00.

HOT BED THERMOMETER—Price: \$1.25.

TOMATO TWINE—Best jute, 2 or 3 ply. Price: Lb., 15c; 8 Lbs., \$1.00.

SPHAGNUM MOSS—Extensively used for filling Fern and Orchid baskets, mixing with potting soil covering tops of pots to preserve moisture, etc. Price: Lb., 10c; Bale, about 40 Lbs., \$2.00.

PLANT STAKES AND POT LABELS

Natural Cane Stakes.

6 ft., doz...	\$0.15;	100...	\$1.00
8 ft., doz...	.25;	100...	1.75
10 ft., doz...	.45;	100...	4.00

POT LABELS (Painted)

	Per 25	Per 100	Per 1000
4-inch	\$0.05	\$0.15	\$0.85
5-inch .....	.05	.15	1.00
6-inch .....	.05	.20	1.25
8-inch .....	.10	.25	2.00
12-inch .....	.25	.75	....

PLANT STAKES—Bambo, Painted Green.

1½ ft., doz...	\$0.06;	100...	\$0.40
2 ft., doz...	.10;	100...	.75
3 ft., doz...	.12;	100...	.90
4 ft., doz...	.14;	100...	1.00

WIRED TREE LABELS—Painted 3½x½ in., per 1000, \$1.50; 5x1½ in., 90c per pkg. of 200.

Simplex Weatherproof Plant Labels.

Dahlia Poles Painted Green.

	Sizes	Per Doz.	Per 100
5 ft., doz...	No. 1. 3x½ inches	25 cents	\$2.00
5 ft., doz...	No. 2. 4x¾ inches	50 cents	4.00
6 ft., doz...	No. 3. 5x1 inches	75 cents	6.00

MASTICA

Is Superior to Putty.

Mastica is elastic and tenacious, admits of expansion and contraction. Putty becomes hard and brittle. Broken glass more easily removed without breaking of other glass as occurs with hard putty. Price: Per Gal., \$1.35.

RAFFIA

We will furnish you the finest quality of Raffia on the market in different shades. The natural Raffia is also used for tying up plants in field or greenhouse. Price: Natural, Lb., 25c; 5 Lbs., 20c per Lb., Bunch, 10c; Colored, skein, 10c; 3 for 25c; Lb., 60c.

REED

Used for basket making, lattice work, etc. We carry all sizes adapted for schools, homes, etc.

No. 1.....	1 Roll,	\$0.10	1 lb.,	\$1.15
No. 2.....	1 Roll,	.10	1 lb.,	1.00
No. 3.....	1 Roll,	.10	1 lb.,	.95
No. 4.....	1 Roll,	.10	1 lb.,	.85
No. 5.....	1 Roll,	.10	1 lb.,	.75
No. 6.....	1 Roll,	.10	1 lb.,	.60
No. 7.....	1 Roll,	.10	1 lb.,	.60

IDEAL SELF-WATERING FLOWER BOXES

THE Ideal Vacuum Flower Box has a double wall. The air space between the outer and inner walls keeps the inner wall cool, consequently the dirt will not dry out and the roots become baked.

Ideal Boxes $8\frac{1}{4}$ -in. wide, $6\frac{1}{2}$ -in. deep, length, 24 inches, \$1.00; 30 inches, \$1.25; 36 inches, \$1.50; 40 inches, \$1.75; 48 inches, \$2.00; 60 inches, \$2.50.

TRELLISES

PORCH TRELLIS—Made of wire and painted; Price: 30 inches wide, 12 feet high, \$2.75; 14 ft., \$3.25; 16 ft., \$3.75.

BALLOON TRELLIS—A heavy wire frame. Fan shape. Price: 4 ft. high, \$1.50; 5 ft., \$2.00; 6 ft., \$2.50.

FAN TRELLIS—A heavy wire frame. Price: 4 ft. high, \$1.50; 5 ft., \$2.00; 6 ft., \$2.50.

TREE GUARDS

WIRE TREE BOX—Made of best crimped wire, strong and durable; has neat appearance; 6 feet high. Price: Each, \$1.15.

FLOWER POTS

We are headquarters for Flower Pots of every description. Send us your orders.

	Doz.	100		Each	Doz.
2½-in.	\$0.10	\$0.80	7-in.	\$0.08	\$0.90
3 -in. ....	.20	1.30	8-in. ....	.10	1.10
4 -in. ....	.25	1.75	10-in. ....	.20	2.25
5 -in. ....	.45	3.00	12-in. ....	.30	3.50
6 -in. ....	.60	4.00	14-in. ....	.50	5.75

BULB PANS.

	Each	Doz.		Each	Doz.
6-in.	\$0.05	\$0.60	6-in.	\$0.05	\$0.60
8-in. ....	.10	1.20	8-in. ....	.10	1.20

SAUCERS.

	Each	Doz.		Each	Doz.
4-in.	\$0.02½	\$0.20	7-in.	\$0.05	\$0.50
5-in. ....	.02½	.25	8-in. ....	.07	.65
6-in. ....	.04	.40	10-in. ....	.09	1.00
			12-in. ....	.11	1.20

"FIBROTTA" PLANT TUB SAUCERS.

These are strong and non-porous, do not leak like old style.

	Each	Doz.		Each	Doz.
6-in. Diam.	\$0.10	\$1.00	12-in. Diam.	\$0.22	\$2.60
8-in. Diam. ....	.12	1.40	14-in. Diam. ....	.27	...
9-in. Diam. ....	.14	1.60	16-in. Diam. ....	.45	...
10-in. Diam. ....	.17	2.00	18-in. Diam. ....	.65	...

PAPER FLOWER POTS

ARE made of tough waterproof fiber paper unbreakable and the best pot made for starting plants in hot-beds or green-houses and for shipping and marketing. For lightness and cheapness they have no equal.

	Per 100	Per 1000
2½-in.	\$0.30	\$ 3.00
3 -in. ....	.45	3.90
3½-in. ....	.60	5.30
4 -in. ....	.80	6.60
5 -in.	1.20	11.00

CEDAR TREE TUBS

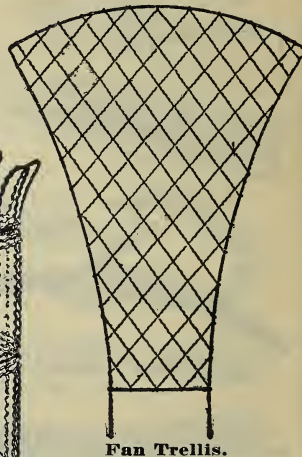
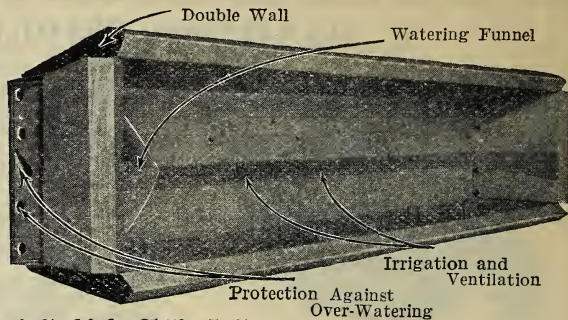
MADE of the very choicest seasoned cedar, highly finished with black hoops; will last twice as long as cypress tubs.

No.	Diam.	Height	Price
No. 1.	12 in.	10½ in.	\$1.10
No. 2.	13 in.	13 in.	1.35
No. 3.	14½ in.	15 in.	1.75
No. 3½	16½ in.	15¼ in.	2.25
No. 4.	19½ in.	17 in.	2.50
No. 5.	22½ in.	18½ in.	3.25

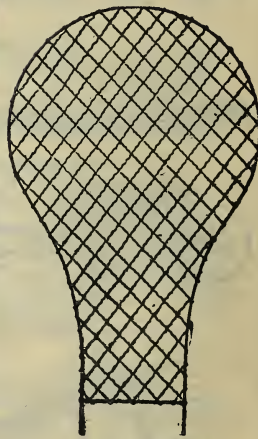
RICHMOND STYLE TREE TUBS

THESE Tree Tubs are made of the same selected Virginia White Cedar, bound with flat steel hoops at bottom. No handles.

No.	Inside Top Diam.	Inside Depth	Price Each
3B	8 inch	8 inch	\$0.35
4B	9 inch	9 inch	.40
5B	10 inch	9 inch	.50
6B	11 inch	10 inch	.60
7B	12 inch	11 inch	.70

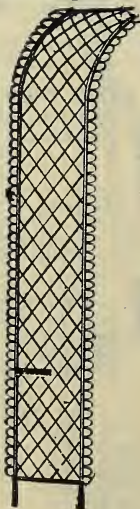


Fan Trellis.



Balloon Trellis.

Wire Tree Box.



Porch Trellis.



Flower Pot.



Plant Tub.

MISCELLANEOUS SUPPLIES

—Continued

RUBBER HOSE—Electric—This is the highest grade of garden hose. Price: $\frac{3}{4}$ -inch, 50 ft., \$10.00; 100 ft., \$19.00; 1-inch 50 ft., \$12.50; 100 ft., \$24.00.

REVERO—Best hose on the market, finest quality of rubber being used in its manufacture; will last for years. Price: $\frac{3}{4}$ -inch, per 50 ft., \$9.00; 100 ft., \$18.00.

STERLING—A fine grade of hose. Comes in 50 foot lengths only. Price: $\frac{3}{4}$ -inch per 50 ft., \$5.00.

DALTA HOSE— $\frac{1}{2}$ -inch 4-ply Best Quality Rubber. Price: Per ft., 12c.

LAWN SPRINKLERS—Crescent Fountain Sprinkler—The "Crescent" is a combination of all the good features of the various Ring sprinklers. Price: Each, 45c.

ELGIN SPRINKLER—Will sprinkle four times greater area than any other sprinkler made. Price: 50c.

FOUNTAIN SPRINKLER—(See cut). One of the best; all brass, never rusts. Price: Each, 50c.

THE FOUNTAIN "SHOWER" (Used as a Hose Nozzle)—Made of polished brass $2\frac{3}{4}$ inches in diameter. Has the "mist-like" spray. Price: Each, 15c.

The Gyser Sprinkler used as a Nozzle. Price: Each, 25c.

THE "HALF-CIRCLE" FOUNTAIN—Absolutely unique. Price: Each, 30c.

RUBBER PLANT SPRINKLERS—Straight and bent neck. Size, 6 Oz. Price: 60c.

SCOLLY PLANT SPRINKLER—Best made. Price: 90c.

PUTTY BULB—The best appliance for distributing putty. Used by a large number of leading florists. Price: Each 90c.

HOTCHKISS SPRINKLER—This is the finest and most satisfactory sprinkler made, it is a high class article; nickel plated, having three extension arms, also round nose spray in center giving beautiful effect.

Price: Each, No. 50\$1.00

Price: Each, No. 65 1.50

Price: Each, No. 85 2.00

HOSE REEL—For lawn or garden. Price: \$2.50. (See cut.)

"PERFECT CLINCHING" HOSE MENDER—Price: $\frac{1}{2}$ -, $\frac{3}{4}$ - and 1-inch, Each, 5c; Doz., 60c.

THE ORIGINAL "PERFECT CLINCHING" HOSE COUPLING—A self-fastening coupling that does not require extra bands, bolts or wires. Price: $\frac{1}{2}$ - and $\frac{3}{4}$ -inch, Each, 20c.

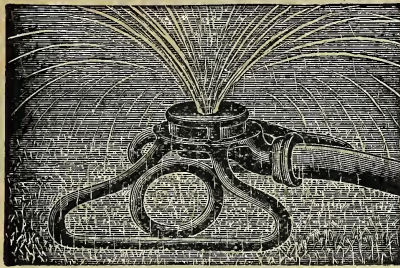
GEM SPRAY NOZZLE—Price: Each, 40c.

RUBBER HOSE WASHER— $\frac{3}{4}$ -inch. Price: Doz., 5c.

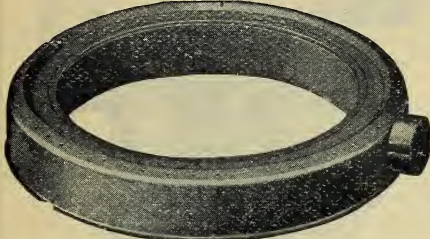
"SNAP" HOSE COUPLING—Simply screw them to the old threaded parts already in use and you have an instantaneous joint. $\frac{3}{4}$ -inch. Price: 25c.

MOLE TRAPS—Olmsted—The best trap made. Sure to catch them. Made of best material. Price: \$1.25.

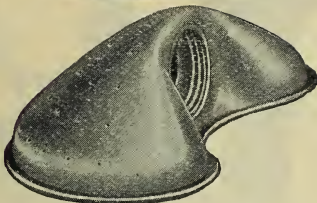
RIDDLE—A very good trap for the money. Price: 75c.



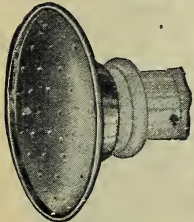
Elgin Sprinkler.



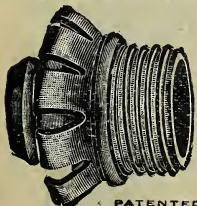
Fountain Sprinkler.



Half-Circle Fountain.

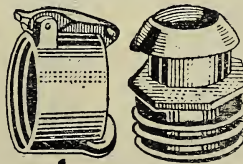


Fountain Shower.



PATENTED 1910

Perfect Hose Couplings.



1

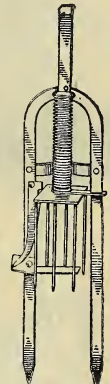
Snap Hose Coupling.



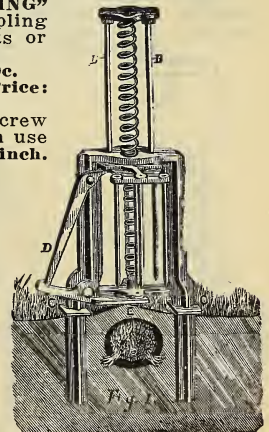
No. 10
Hose Reel.



Plant Sprinklers



Riddle.



Olmsted.

THE SKINNER SYSTEM OF IRRIGATION

THE Skinner System was first given to the public in 1904, and since that time has come into more general use than all other methods of overhead irrigation.

The highly perfected System of Skinner Irrigation will not only save the crops from loss throughout a drought, but through periods of moderate rainfall. It is used throughout the United States, and also in many foreign countries and has proven successful everywhere. Florists, gardeners, seedmen and nurserymen are all using them.

INSTALLATION OF THE SKINNER SYSTEM

INSTALL your nozzle line about 40 feet apart and drill holes for out-door nozzles 30 inches apart on the Nozzle line.

Each stream will reach from 25 to 30 feet on either side of the line. To cover the whole area within reach the pipe must be turned occasionally thereby changing the direction of the streams. This is done by means of a handle shown, which forms a part of the Skinner Union Tee strainer fitting.

We do not furnish the pipe, get same at your nearest dealer. Always use $\frac{3}{4}$ " or 1" galvanized pipe with the Skinner System.

NO. 2 OUTDOOR NOZZLES—Suited for all outdoor irrigation and will throw water from 25 to 30 feet. Price: Each, 5c; \$5.00 per 100.

Silver Stream Nozzles, inserted in a row and about three feet apart. These nozzles throw a series of thin parallel streams which break into a mist before settling onto the ground. Price: Each, 5c; \$5.00 per 100.

GREENHOUSE—Suited for the distribution of a fine mist at short range. Equipped with filter. Price: Each, $7\frac{1}{2}$ c; \$7.50 per 100.

SKINNER DRILLING MACHINE

THIS machine is absolutely necessary to properly install the Skinner System of irrigation. With it is shipped one level, 3 tap drills and one nozzle wrench. Price: \$10.00.

SKINNER UNIONS

THESE unions should be placed at the head of each nozzle line. They permit of the easy rotation of the nozzle line, without leakage, and they are equipped with a filter, which can be easily cleaned by removing a cap at the end of the handle, and turning on the water, allowing it to pass around the filter and out through the handle. Price: 1 in. Each, \$1.50.

Nozzle wrench for No. 2 outdoor. Each, 15c.

Nozzle wrench for Silver Stream. Each, 15c.

Tap Drills for No. 2 Nozzles. Each, 15c.

Tap drills for Silver Stream. Each, 20c.

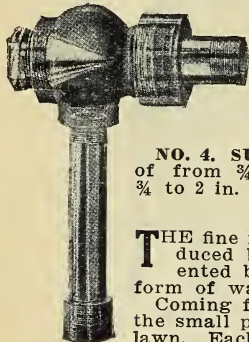
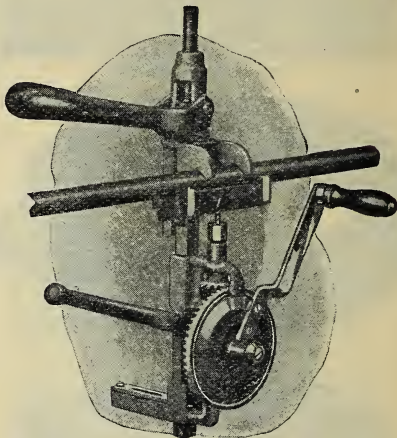
NO. 2 SUPPORT—Suitable for inserting in top of upright pipe of $\frac{3}{4}$ " or 1 in. diameter. Will carry pipe of from $\frac{3}{4}$ " to 2 in. diameter. Price: Each, 20c; \$20.00 per 100.

NO. 4. SUPPORT—Suitable for clamping around upright pipe of from $\frac{3}{4}$ " to 2 in. diameter. Will support pipe of from $\frac{3}{4}$ " to 2 in. diameter. Price: $\frac{3}{4}$ " to 1-inch, Each, 30c.

THE LAWN MIST SPRAY

THE fine mist-like spray of the "Lawn Mist" Sprinkler is produced by the green house and lawn sprinkler nozzle patented by this company. It is the finest spray used in any form of watering.

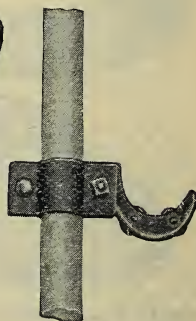
Coming from the groups of nozzles in a fine mist-like spray, the small particles of water are uniformly distributed over the lawn. Each Sprinkler section is fitted with wheels and can be easily moved from place to place by any one, even a child, without injury to the lawn. Price: 15 ft. Single Section, \$7.75; 18 ft., Single Section, \$8.75.



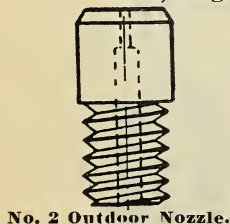
Skinner Unions.



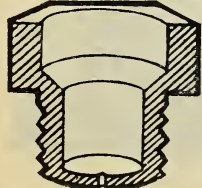
No. 2 Support.



No. 4 Support.



No. 2 Outdoor Nozzle.



Silver Stream Nozzles.



Skinner System for the Truck Grower.

SPRAYERS THAT SPRAY

DEMING GARDENERS CHOICE SPRAYER

THIS is one of the most convenient spraying outfits for general use. As an all-round utility sprayer it cannot be beaten. It is particularly adapted for both the garden and green-house, also for orchard use, as well as for spraying livestock in the barn and livery stable. It is a splendid whitewashing outfit, as the pump is strong and durable and has a good agitator. The tank holds 25 gallons, fitted with a powerful pump; complete, with hose and nozzle. (See cut.) **Price: \$15.00.**

DEMING PRIZE BUCKET PUMP

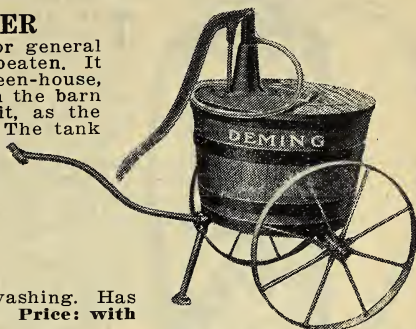
BUCKET SPRAY PUMP—For spraying and whitewashing. Has an adjustable foot-rest to fit any bucket or tub. **Price: with 3-foot hose, \$3.00.**

LITTLE GIANT

BUCKET SPRAY PUMP—For spraying and whitewashing. Has an adjustable foot-rest to fit any bucket or tub. **Price: with 3-foot hose, \$3.00.**



Little Giant.



Gardener's Choice Spray Outfit.

LEVER BUCKET PUMP No. 324

THIS is the best combination made for small fruit growers. Has brass cylinders, patent agitators, coarse and fine stream nozzles. Being a combination pump, it can be used on a barrel or in a bucket. A No. 1 machine for whitewashing as well as spraying. **Price: \$4.00.**

DEFIANCE

DDOUBLE-ACTING BUCKET PUMP—Is made entirely of brass except the handle and foot-rest; has patent agitator, detachable hose, hemp packed plunger, brass ball valves, 2 nozzles, spray and solid stream; can be used for spraying or whitewashing. **Price: Each, \$4.00.**

BARREL CART

ALL steel, 36-in. wheels, 3-in. tire, ready to attach to a barrel. No legs to shut up. Always ready; best made (without barrel and Pump). **Price: \$6.00.**

BRANDT'S BARREL SPRAY

MADE for orchards where the trees are large and a great quantity of liquid is to be handled. They are extremely large chambers which insure a uniform pressure at the nozzle, large cylinders which give great capacity, and removable ball valves which enables the user to keep pump in good working condition without taking it apart. Has 1 3/4-in. cylinder; 2-in. air chamber and fastens to chime of barrel. **Price: No. 4, \$7.50.**

THE "HARDIE" BARREL PUMP

THE accompanying cut shows one of the "Hardie" Pumps ready to mount on a barrel or other receptacle for liquid. The plunger, suction and discharge tubes are of heavy seamless brass. The base or body of the pump is a brass casting. The valves are brass balls contained in a brass cage.

The "Hardie" has no stuffing boxes, leather or rubber washers to give trouble. Will fit either side or end of barrel; 12 1/2 ft. 5-ply guaranteed hose, Vermorel or Bordeaux nozzle, also coupling for two leads of discharge hose. **Price: Complete, \$13.00.**

MYERS BARREL SPRAY PUMPS

BRASS BARREL SPRAYER

NO. 305 1/2—So constructed that the cylinders are entirely submerged in the liquid. It fastens to the chime of any good barrel. Is fitted with one discharge hose, 5-ply, 15 feet long, graduated Vermorel nozzle and agitator, which keeps the liquid well mixed. **Price: \$8.00.**

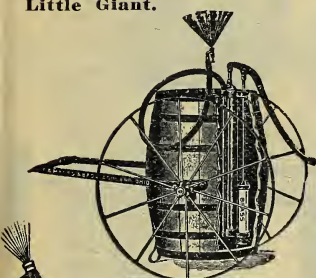
No. 305 same as 305 1/2 without mechanical agitator. **Price: \$7.00.**

No. 306 same as 305 except that it has 2 discharge hose and two Vermorel nozzles. **Price: Each, \$10.00.**

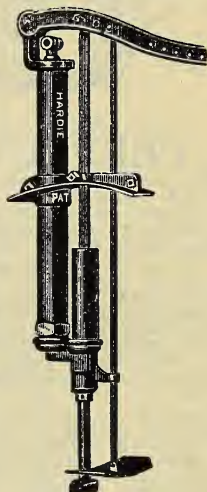
MYER'S R305B—Same as 305 except it has a cog gear in upper end of handle, as shown in cut. **Price:**

Myer's

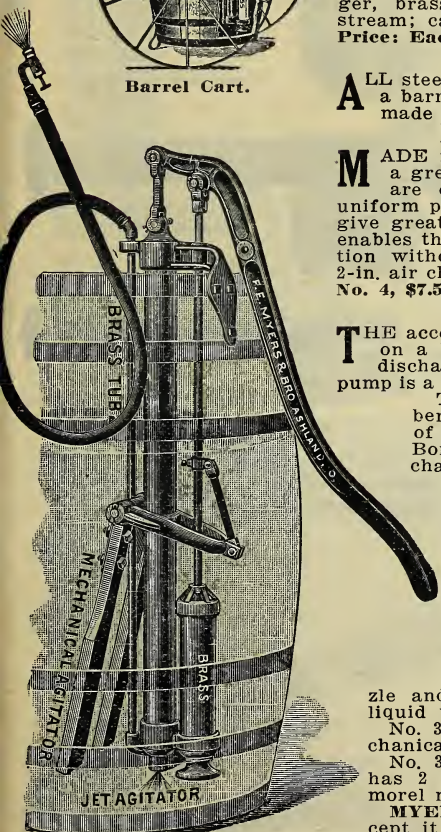
Brass Barrel Sprayer No. 305 1/2. Each, \$8.00.



Barrel Cart.



The "Hardie" Barrel Pump.



No. 324.
Lever Bucket



Deming Prize.

SPRAYERS THAT SPRAY "AUTO" COMPRESSED AIR SPRAYER

THE AUTO SPRAY is one of the best on the market. It is very strong and practical. When properly charged contains three gallons of solution and one gallon of compressed air. Ten to twelve strokes of the plunger will compress the air and two pumpings will empty the entire contents.

AUTO SPRAY No. 1C—Galvanized Reservoir, Stop Cock. Price: \$4.75.

AUTO-SPRAY No. 1D—Galvanized Reservoir, Auto-Pop. Price: \$5.25.

AUTO-SPRAY No. 1A—Brass Reservoir Stop Cock. Price: \$7.00.

AUTO-SPRAY No. 1B—Brass Reservoir, Auto-Pop. Price: \$7.50.

EXTRAS FOR AUTO.

Auto-Pop Nozzles \$1.35; with hose complete...\$1.75

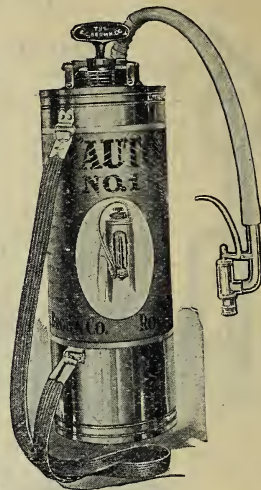
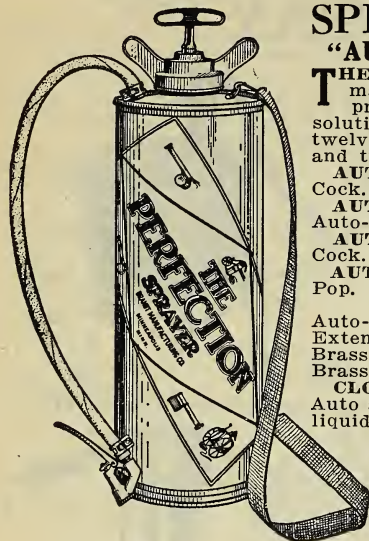
Extension Pipe, brass, 2-foot length.....\$1.45

Brass Elbow Extension......30

Brass Strainer for Straining solutions......90

CLOG PROOF NOZZLE—Used in connection with Auto and other sprayers. Useful for whitewash and liquid paint. Will not clog. Price: Each, 50c.

AUTO SPRAYER No. 37C—The most perfect brass hand sprayer made. Throws a continuous spray, and will handle all solutions. The construction of tank permits the sprayer to be operated at any angle. Works easily and no complicated parts to get out of order. Price: \$1.25.



PERFECTION SPRAYER

THE best compressed air sprayer made; strongest, simplest and throws either a fine mist of coarse spray. Will handle all spraying mixtures as well as Whitewash, Paints, etc. Galvanized, with automatic shut-off nozzle. Price: Each, \$4.50. All brass as above, Each, \$6.50.

OUR "EASY" SPRAYER

THE "Easy" Sprayer is made with either brass or galvanized tank, and is designated for those who want a smaller Sprayer. It works on the same principle as our larger Sprayers. Is equipped with automatic shut-off nozzle. Capacity, 1 gallon. Weight, 3 lbs. An ideal size for small gardens, greenhouses, etc. Price: Each, \$2.00. (See cut.)

DAISY

DOUBLE acting Sprays, both ways of stroke; nothing better. This is one of the most convenient outfits for general use. As an all-round utility Sprayer it cannot be beaten. It is particularly adapted for both the garden and greenhouse, as well as for spraying live stock. Price: Heavy Tin, 75c; Heavy Brass, \$1.00.

LIGHTNING SPRAYER

WE CONSIDER the best, and fully equal to the more expensive machines for this purpose. No. 3—All tin. 1-Qt. size. Price: 50c each.

LITTLE MIDGET

Used more particularly in houses for applying germicides and disinfectants, as its size makes it handy. Price: 25c.

LOWELL BLOW POWDER SPRAYER

IN SOME sections potato growers, stock and poultry raisers prefer to use Paris Green and disinfectants in powder form mixed with dry plaster. To meet such a demand the "Blow" Sprayer is recommended.

The powder can hold one quart, and the Sprayer is finished in aluminum, giving same an attractive appearance. Price: 65c.

INSECT DRY POWDER GUN

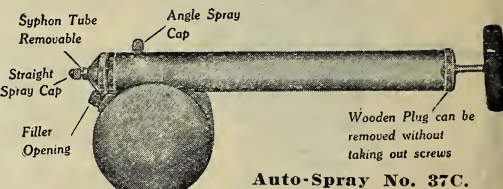
Used mostly indoors, a very useful article. Price: 25c; (See cut.)

SLUG SHOT BELLOWS

For applying slug shot, grape dust, etc. Price: Small Size, \$1.50; Large Size, \$2.25. (See cut.)

SLUG SHOT DUSTER

DUSTERS—Perforated bottom. Price: ½ Gal. Size, 30c; Gal., 45c.



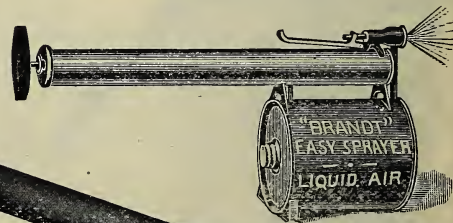
Auto-Spray No. 37C.



Daisy.



Lowell Powder Sprayer.



Lightning No. 3.



SPRAY NOZZLES

ALL fruit growers rightly contend that the nozzle is the most important part of the spraying outfit. It must be arranged to throw a mist and not drops. It is also a fact that more harm is done by using Sprinkling Nozzles than if no spraying was done at all. By putting on too much material you damage the foliage. The best results are obtained by covering the entire surface and with just as little in one place as possible.

Fig. 1019 Bordeaux Nozzle	Price
Fig. 1563 Vermorel Nozzle	.....\$0.75
Fig. 642 Imperial Nozzle	..... .35
Fig. 548 Spray Nozzle	..... .35
Fig. 550 Cyclone Nozzle	..... .35
Fig. 549 Male End	..... .20
Fig. 1091 Female End	..... .20
Fig. 1279 Y	..... .50
Fig. 1380 Bend	..... .25
Hardie Vermorel Nozzle	..... .75

Plunger washers for Myers Little Giant & Lever Bucket Pump—Price: Each, 10c.

BAMBOO EXTENSION RODS—8 feet long. Price: Each, \$2.00; with stop-cock, \$2.75.

EXTENSION PIPES—Iron, 4 feet 25c; 8-foot lengths. Price: Each, 45c.

KIRKE SYSTEM FEEDER

IT IS a neat device easily attached to any garden hose. It will last a life time. and can be used both for Kirke Fertilizer and Insecticide cartridges.

The cartridges of Concentrated Fertilizer for the lawn and garden, and the Nicotine cartridges for the destruction of soft bodied insects, dissolve in as much water as will pass through the ordinary garden hose in about five hours. They are clean, odorless and nonpoisonous, and will give perceptible results after one week's use on the lawn or in the garden.

The fertilized cartridge is sufficiently hardened to prevent a too rapid wasting, but the fluid as it leaves the nozzle or lawn sprinkler, is in a condition to be readily absorbed by the roots of the plants or grass.

The nicotine cartridge is made from a free nicotine, which, when applied to both indoor and outdoor vegetation, acts as a preventive against aphids, thrips, green fly, rose bug, mealy bug, etc.

KIRKE AUTOMATIC FEEDER—For Fertilizer and Insecticide Cartridges, nickel plated, complete. Price: Each, \$3.00.

KIRKE HOT-HOUSE SPECIAL "TOBACCO" Insecticide Cartridges—Price: 50c; Doz., \$4.75.

KIRKE ARSENATE OF LEAD CARTRIDGES—Price: 40c; Doz., \$4.25.

KIRKE BORDEAUX CARTRIDGES—Price: 30c; Doz., \$3.00.

KIRKE "TOBACCO" INSECTICIDE CARTRIDGES—Price: 30c; Doz., \$3.00.

KIRKE FERTILIZER CARTRIDGES—Price: 30c; Doz., \$3.00.

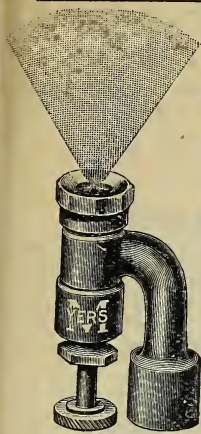
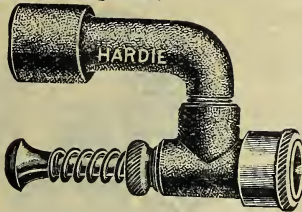


Fig. 1563 Vermorel Nozzle



Fig. 642 Imperial.



Vermorel.



Fig. 549 Male End.

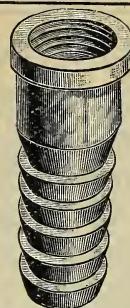


Fig. 1091 Female End.

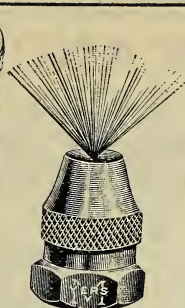


Fig. 548. Sprinkling.

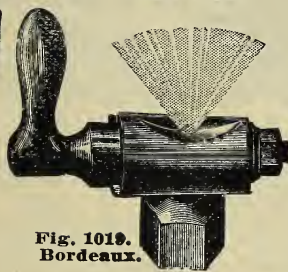


Fig. 1019. Bordeaux.



Cyclone. Side Outlet. Fig. 550.

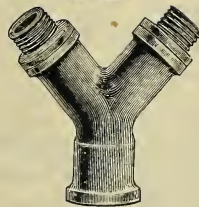
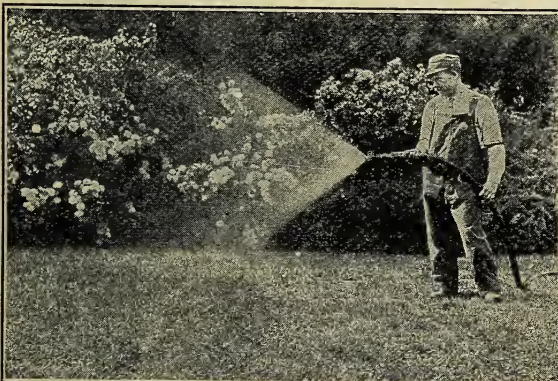
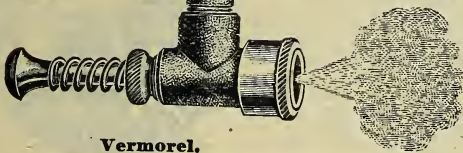


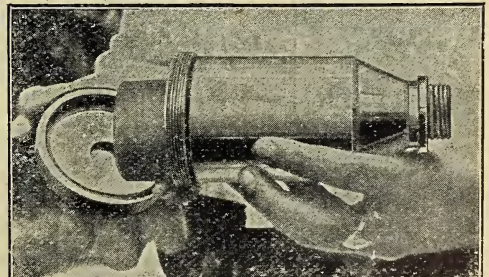
Fig. 1279.



Fig. 1380. Bend.



The Kirke Automatic Distributor. Destroying Worms & Insects.

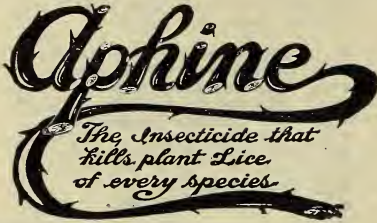


The Kirke Automatic Feeder and Fertilizer and Insecticide Distributor.

INSECTICIDES AND FUNGICIDES

Insecticides and Fungicides marked* can be sent by Parcel Post at Purchaser's expense. Consult your local Post Office for rate from St. Louis. Sorts not marked can not be sent by mail.

SAVE YOUR CROP BY SPRAYING WITH OUR INSECTICIDE



APHINE—Destroys green, black and white fly, red spider, thrips, mealy bug, brown and white scale, slugs and all soft-bodied insects most effectively, and without injury to foliage or flower. Price: ½ Pt., 40c; Pt., 65c; Qt., \$1.00; Gal., \$2.50.

***ANT POWDER**—For destroying ants in house, lawn and garden. Price: 25c, 50c and \$1.00.

FUNGINE—An infallible fungicide for destroying mildew, rust, bench rot and other fungi. Apart from its general effectiveness, an important merit is that it does not stain the foliage. It is a clean, safe and easily applied remedy. Price: Qt., 75c; Gal., \$2.00.

ARSENATE OF LEAD PASTE—The best of all arsenical insecticides; does not burn the foliage, and as it shows white you can tell just what has been sprayed; sticks well to the foliage and is sure death to all leaf-eating insects. Apply at rate of 1 oz. to 1 Gallon. Price: Lb., 25c; 5 Lbs., 90c; 10 Lbs., \$1.50; 50 Lbs., \$4.50; 100 Lbs., \$8.50.

BORDEAUX MIXTURE PASTE—For all Fungous diseases. Should be applied early in the season in order to obtain best results.

For ordinary use it takes 11 pounds to 50 gallons of water.

For peach and trees with delicate foliage use 11 pounds to 60 to 70 gallons of water. Price: 1 Lb., 20c; 5 Lbs., 75c; 10 Lbs., \$1.25; 50 Lbs., \$3.75.

PRATT'S SULFOCIDE—A soluble sulphur summer spray. A substitute for Bordeaux mixture. More effective, less expensive. Easier to apply and sticks like paint. A most powerful, non-poisonous fungicide for fruits and vegetables—for blight, rusts, mildew, scab, canker, brown rot, etc. The best repellent for curculio. One gallon makes from 200 to 500 gallons of spray. Price: Qt., 75c; Gal., \$2.00.



***CUTWORM FOOD**—The one best food for the destruction of cutworms. It is simple and easy to use. It consists of a material that is more delicious and is much more preferred by the cutworm than the plants themselves. It is sprinkled on the ground around the plant just as it is found in the package. For plants started from seed, it is applied as soon as the first plants break ground; for plants started in a seed-bed, it is applied just after setting, such as tomatoes, cabbage, egg-plants, cauliflower, tobacco and flowers. The one-pound package is a very convenient size to use for small gardens and flower-beds. Directions how to use on each package. Price: Lb. package 25c.

SCALE DESTROYERS

LIME SULPHUR SOLUTION—A perfect Scale and Fungus Destroyer; special for Plum and Peach Trees, which need Fall and Spring treatment; cures Peach leaf curl. Use during dormant period. Protect the hands with gloves when applying. Dilute with 10 parts of water. Apply with spray pump. Price: Qt., 25c; Gal., 75c; 5 Gal., \$2.50; 50 Gal. Bbl., \$9.00.

TARGET BRAND SCALE DESTROYER—This we consider the most effective scale destroyer on the market today. Specially good for lawn trees and hedges, as it will not stain. Mixes perfectly with water. Use during dormant period. Dilute with 15 to 20 parts of water. Apply with spray pump. Price: Qt. can, 35c; Gal., \$1.00; 5 Gal., \$3.25; 30 Gal. Bbl., \$16.50; 50 Gal. Bbl., \$25.00.

SCALECIDE—Soluble crude oil. Used for the destruction of the San Jose' scale. Dilute at the rate of one gallon, to twenty gallons of water. Scalecide does not clog nozzles, hose or pump, and is pleasant to use. This preparation is perhaps the best known and is very widely advertised. Orchardists throughout the country use it in large quantities. Trees may be sprayed in winter and early spring before they start to come to bud. Price: Qt., 40c; Gal., \$1; 5 Gals., \$3.25; 50-gal. Bbl., \$25.

SLUGSHOT—A light, composite, fine powder, easily distributed either by duster, bellows, or in water by spraying. Thoroughly reliable in killing Currant Worms. Potato Bugs, Cabbage Worms, Chicken Lice, Slugs, Sow Bugs, etc., and it is also strongly impregnated with fungicides. Price: Cartons, 15c; 5-Lb. package, 30c; Bbls., in bulk, 250 Lbs., \$12.00.

***Hammond's Grape Dust**—Avoids mildew on Roses, Grapes, Gooseberries, etc. Price: 1 Lb., 15c; 5-Lb. Packages, 35c.

BORER OIL—A few drops of this oil squirted into the tunnels made by Round or Flat Head Tree Borers will usually stop their work. An ordinary oil can is just the thing for applying. When you see the fine sawdust signs for borers at the tree butt, start at once to exterminate the sawdust maker or he will quickly exterminate your trees. Price: 1 Pt., cans, 25c.



Spray

Your Shrubs,
Roses and
Flowers to Keep
the Insects off

Ask Us



INSECTICIDES



12 sheets, 33 in. ea.

8 lbs.

4 lbs.

1 lb.

1/2 lb.

2 oz.

APHIS PUNK* (40 Per Cent Strength, for Fumigating)—Specially prepared for Greenhouses and Conservatories. It vaporizes the nicotine economically and evenly. Nothing keeps a house free from Aphis, Thrip and other parasites so thoroughly and cheaply. **Price:** Box of 12 rolls, 60c; 1 case 12 boxes, \$6.50.

NIKOTEEN (30 Per Cent Strength for Spraying)—Strongest, purest and most economical. Death to Aphis or Green Fly, Spider, Mealy Bug, Thrip and many other forms of Flower, Fruit and Vegetable lice. **Price:** Small Bottle, 15 and 40c; 8 Oz., 55c; 1 Lb., Bottle, \$1.50; 4 Lb., Bottle, \$5.50; 8 Lb., \$10.00.

BUG DEATH—Is ideal for use on Potato, Squash, Cucumber, Currant, Gooseberry and Tomato Plants and Vines; for House Plants. Kills the Bugs WITHOUT injuring or destroying the most delicate Plant, Vine or Leaf. It contains no Paris Green or other Arsenical Poisons. It is very fine, tenacious powder **THAT STICKS**. **Price:** 1 Lb., 15c; 3 Lbs., 35c; 5 Lbs., 50c.

***FISH OIL SOAP**—Used during the summer as a wash, thus preventing the spread of scale. **Price:** Lb., 15c; 5 Lbs., 60c.

FIR TREE OIL SOAP—A popular insecticide; it frees plant of nearly all insects. Mealy bug, scale, red spider, aphis, thrip, blight, worms and slugs. An ounce makes 1 gallon. **Price:** 1/4 Lb. tin, 25c.

FLOWER OF SULPHUR—For mildew. **Price:** 1 Lb., 10c; 10 Lbs., 60c; 25 Lbs., \$1.00.

***GRAFTING WAX**—Price, 1/2 Lb., 15c; Lb., 25c.

GOPHER KILLER—For exterminating Prairie Dogs, Ground Squirrels, Gophers and all burrowing animals. **Price:** Qt., 75c.

HELLEBORE, POWDERED—Good for exterminating current worms. **Price:** 1/2 Lb., 15c; Lb., 25c; 5 Lbs., \$1.

PARIS GREEN—Price: 1/4 Lb., 10c; 1/2 Lb., 20c; Lb., 35c; 5 Lbs., \$1.25.

***SULPHO TOBACCO SOAP**—Kills all insect life in the window, garden or conservatory. **Price:** Small cake, 10c; Large cake, 20c.

***TOBACCO DUST**—Price: Cartons, 10c; 5 Lbs., 30c; 10 Lbs., 50c; 100 Lbs., \$1.75.

"TARGET BRAND" WEED-KILLER—Is a most effective solution of high-grade chemicals, combined by a secret process. The dilution is one to fifty parts of water, made so easily that a boy or child can attend to it. A remedy that not only reduces the amount of labor, but does it at about one-tenth the cost. A gallon, diluted, is sufficient to cover a space 100 to 150 square yards. Application is best made with a watering-can to insure uniform distribution, the most advisable time being after a rain, which is when weeds start to sprout and grow. "Target Brand" Weed-Killer effectively destroys the roots as well as the top-growth, and single applications last almost an entire season. Full directions as regards quantities needed, are printed on each container. **Price:** Qt., makes 51 qts., 40c; Gal., makes 51 gals., \$1.00.

***TREE PAINT**—Pine Tar—A specially prepared thick paint. Just the thing to use after pruning your trees. **Price:** 1 Pt., 15c; 1 Qt., 25c; 1 Gal., 60c.

***TREE TANGLEFOOT**—(Caterpillar Paste.) A remedy against caterpillars and all tree-climbing insects.

This spread around the trunk of a tree, about 4 inches wide will remain for three months in a sticky condition and will prevent any creeping insects from climbing the tree. Put up in paste form. It should be put on every tree in the city. **Price:** Lb cans, 30c; 3 Lbs., 85c; 10 Lbs., \$2.65; 20 Lbs., \$5.00.

SCHILLING'S ROACH AND ANT POWDER—Kills all bugs, roaches, ants and other insects. Harmless to use anywhere; will not injure floors, etc. **Price:** Pkgs., 25c and 50c.

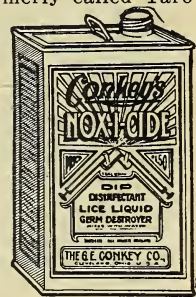
AZOA is the virus of a disease peculiar to rats and mice. In a majority of cases, inoculation will produce this disease, and consequently destroy the pests. **Price:** Pkg., 50.

***RAT CORN**—No Smells—No Odors—It mummifies them. No matter where they die, they simply DRY UP. Positively does not smell. **Price:** 15c, 25c, 50c and \$1.00 per can.

CONKEY'S NOX-I-CIDE (Formerly called Taro-line)—This is the poultry man's best friend. The majority of dangerous poultry diseases may be traced to the presence of germs which thrive unless a soluble disinfectant, deodorant and germ destroyer is used. Conkey's Nox-i-cide mixes with water, one gallon making 101 gallons of ready-to-use liquid. **Price:** 1 Pt., 35c; 1 Qt., 60c; 2 Qts., 90c; 1 gal., \$1.50; 5 Gal., \$6.50. Express extra.

CONKEY'S FLY KNOCKER—Many infectious and dangerous diseases are communicated by flies and other pests. Besides this, they are a source of constant worryment to man, beast and fowl. Conkey's Fly Knocker makes it possible for you to overcome such insects. Spray it on your stock and wherever flies congregate and you will find that your stock is far more profitable and your own comfort will be greatly increased.

We guarantee it to give satisfaction. **Price:** 1 Qt., 35c; 2 Qts., 60c; 1 Gal., \$1.00; 5 Gal., \$4.00.



FERTILIZERS

FOR LAWN, GARDEN, FIELD AND HOUSE PLANTS A NECESSITY TO ALL GROWING PLANTS

Pulverized
Sheep
Manure
put up for
St. Louis
Seed Co.

ALL CULTIVATED soils require fertilizing from time to time to replace the vital growing forces and power which each succeeding crop removes in its development and maturity. Unless this is done it is only a matter of time when even rich and fertile soil will fail to be productive.

Farms, Gardens, Lawns and Flower Beds always should be given a dressing of fertilizer each season before planting. Mother Earth needs food to produce good crops, the same as a human being requires food to be strong and healthy.

Animal Manures have many advantages and are of great value in building up and maintaining the soil's fertility, not only for actual plant food in the form of Nitrogen, Phosphoric Acid and Potash, but for the lasting effect upon soil conditions and humus they supply.

Pulverized
Cattle
Manure
put up for
St. Louis
Seed Co.

PULVERIZED SHEEP MANURE

THIS is a high-grade of Fertilizer and is especially adapted for Gardens and Lawns. No better manure can be secured. It is selected from the accumulation in the Western Sheep Feeding Stations where thousands of sheep are confined in pens to be fattened for market.

This manure is gathered from the pens, shipped to the reduction plant, and then is immediately dried by a special direct heat process, which destroys any weed or seed it may contain. It is then screened free from rough bedding and uniformly pulverized into the most concentrated form for general use. In landscape work, for gardens and lawns, there is no equal.

For New Lawns use 100 lbs. to 1000 square feet.

For Old Lawns, as a top dressing, use 50 lbs. to 1000 square feet.

For Flower Beds and Vegetable Gardens, before planting, use 50 lbs. to 500 square feet.

For Mixing Potting Soil, use 1 qt. to 20 qts of earth.

Price: 5 Lbs., 20c; 10 Lbs., 35c; 25 Lbs., 60c; 50 Lbs., \$1.00; 100 Lbs., \$1.75; 500 Lbs., \$7.50.

Special Price on Ton Lots.

PULVERIZED CATTLE MANURE

It is especially adapted for grain crops and garden use on crops like Potatoes, Corn and Wheat. This manure is pulverized and dried and is free from weed seeds. It can be drilled with any farm seed drill. One hundred pounds will equal one load of stable manure.

For Grain Crops use 1000 Lbs. to the acre. Put up in 25-lb., 50-lb. and 100-lb. bags.

Price: 25 Lbs., 60c; 50 Lbs., \$1.00; 100 Lbs., \$1.75; 500 Lbs., \$7.50. Special price on Ton Lots.

PULVERIZED HOG MANURE

Is without any doubt one of the most powerful fertilizers. It is especially adapted for garden use, as well as for all grain crops. Potatoes will pay big where this is used. It is prepared in such shape it can be drilled with any farm seed drill. It is free from all foul seeds and always ready to use. Price: 100 Lb. Bags only \$1.75; 500 Lbs., \$7.50; Ton and Carload Lots at special quotations.

Pulverized
Hog
Manure
put up for
St. Louis
Seed Co.

NATURE'S greatest Lawn and Plant Food. Used and endorsed by all the leading city parks in the United States, as well as all the botanical gardens throughout the land. It is the elixir of life and beauty to lawns, plants, flowers, vegetables, trees, etc., etc. A vitality producer par excellence. Price: 1 Lb. can, makes 28 gallons liquid, 50c.

"Bonora" Comes in Dry Powder Form.

EVERGREEN FERTILIZER

THIS fertilizer contains all the plant food elements necessary to plant growth. It will annihilate all disease germs. Thus it prevents stem rot and other diseases from destroying the plants. Price: 1 Lb., 20c; 12 Lb. Can, \$1.00.

Bone
Meal
put up for
St. Louis
Seed Co.

BONE MEAL

BONE-MEAL is used for top dressing for lawns, meadows, vegetable gardens and flowers. It carries Ammonia and Phosphoric Acid and may be applied at any time of the year. Bone-Meal continues to feed the soil for ten months and its effect is plainly apparent upon land for years.

For Top Dressing on Lawns use 50 lbs. to 1000 square feet.

For making New Lawns use 75 lbs. to 1000 square feet.

For Grain Crops, 600 lbs. to the acre.

For Mixing Potting Soil, 2 lbs. to 20 qts. of earth.

Price: 5 Lbs., 20c; 10 Lbs., 35c; 25 Lbs., 65c; 50 Lbs., \$1.25; 100 Lbs., \$2.00; 500 Lbs., \$9.50.

THE USE OF HYDRATED LIME ON LAWNS

A number of lawns in the city are in a very bad state, because of the constant use of the hose in the summer time, which results in an acid or sour soil, that will not grow anything but weeds and water grass, no matter how rich it may be. To correct this acidity, lime is required, and where surface application is made Hydrated Lime should be sprinkled very lightly over the ground at two or three different times in season, about 40 lbs. to 1500 square feet. Price: 10 Lbs., 25c; 40 Lb. bag, 50c; 5 bags, \$1.90.

NITRATE OF SODA

Nitrate of Soda carries nothing but Ammonia. It is highly stimulating and produces rank growth and dark green foliage. On grass or other vegetation it is visible in a few days after application. It is claimed that crops like Cabbage, Lettuce, and Onions mature fully two weeks earlier than usual when Nitrate of Soda has been used on same.

For Vegetables use 300 lbs. to the acre.

For Lawns and Potted plants use in liquid form. 1 lb. to 25 gallons of water.

Price: 1 Lb., 10c; 10 Lbs., 75c; 50 Lbs., \$2.50; 100 Lbs., \$4.50.

"BONORA"

“BIRDS THAT SING”

ST. ANDREASBERGER CANARY

THESE little birds are natives of the country surrounding the world-famous town of St. Andreasberg, Germany, and are shipped to us direct. It is in that locality that the world's best canary breeders are located. They are famous for their soft, rolling notes, often keeping one bar of notes going until you think they would drop exhausted. But not so—they hop to another perch and continue the same sweet melody as though it were their sole enjoyment. We have no hesitancy in urging everyone to order one or two of these little home companions. Their voice is never harsh and they often learn to imitate a tune that you might care to teach them. They grow very much attached to the home folks and we know of a number of people who let them out of their little cages and play with them. **Price: First-class male Singers, \$5.00; female Birds for breeding, \$1.50.**

HARTZ MOUNTAIN CANARY

The Bird that Everybody Loves.

THESE are high-bred German canaries raised in the Hartz Mountains, where they have been bred carefully for many generations. They are sweet singers, with superb natural voices untrained, but full of that grand though indescribable quality that makes them so different from common canaries. They are cheerful, bright, happy little fellows, active and contented, generous in quantity and rich in quality of song. Each bird is guaranteed. **Price: Each, \$3.00.**

HARTZ FEMALES—For breeding purposes. Price: \$1.00 and \$1.50.

AUSTRALIAN SHELL PAROQUETS

THESE are by far the handsomest of the parouquet family. They are small birds, the body being about the size of a canary's. They look much larger, however, as their feathers are fluffy and their tails are long and graceful, making the entire length of the bird seven to nine inches. They are hardy, easily bred in captivity and become great pets, being readily taught many cute tricks. Color a beautiful shade of light green, handsomely mottled with yellow and black, with spots of blue on the head. They are also known as Budgerigars or Love Birds, owing to their loving attentions to each other. They sometimes sing and have in rare instances been taught to repeat words and sentences in a droll little voice. Great pets for children. Feed millet and canary seed, with plenty of gravel. **Price: Pair, \$5.00.**

MEXICAN DOUBLE YELLOW HEAD PARROT

A NATIVE of Mexico. They are of a beautiful plumage; as for talking, singing and whistling they are superior to all other varieties. Its color is of a handsome dark green, with bright red and blue tinted feathers on the edge of the wings and tail, the top of the head being composed of a beautiful mass of pale orange color over his head and neck, thus giving it a very pretty appearance. Young birds in July and August. **Price: Each, \$8.00 to \$10.00.**

BIRD SUPPLIES

(By Parcel Post, See Page 1.)

ST. ANDREASBERG SPECIAL MIXED BIRD SEED—Prepared from fan-cleaned and air-dried Sicily and Canary Seed, together with Rape, etc. **Price: Lb., 20c; 2-Lbs., 35c.**

“RAPECANARY” SPECIAL—A mixture of Rape and Canary Seed that contains a quantity of healthful compositions, very beneficial to either old or young birds. **Price: Lb., 15c; 2-Lbs., 25c.**

BIRD GRAVEL—Prepared especially for Canaries and other cage birds. It assists digestion and should be freely sprinkled over the bottom of the cage. **Price: Pkg., 10c; Doz., \$1.00.** By mail, add 5c per Pkg. for Postage.

GRAVEL PAPER—A composition similar to above, only it is made up like sandpaper; very novel and clean; fits in bottom of cage. **Price: Pkg., 20c; Doz., \$2.00.** By Parcel Post, add 3c Postage.

CUTTLE BONE—Do not fail to feed your birds Cuttle Bone. It is as important to the Canary as salt is to the human being. Ours is the genuine Treiste Bone. **Price: Each, with holder, 5c.**

MAW SEED—For Birds. **Price: Lb., 20c.**

CANARY SEED—Lb., 14c; 10 Lbs., \$1.00.

GERMAN RAPE—Lb., 15c; 10 Lbs., \$1.25.

BIRD LICE DESTROYER—This preparation will destroy Fleas and Lice on Birds and Pets. **Price: Pkg., 25c.**

BIRD MANNA—In this composition we offer a combination food and tonic as well as a song restorer combined; it should be fed during a cold or

moulting season; in fact, it is ideal to feed at any time. **Price: Pkg., 15c; 2 for 25c.**

BIRD TONIC—A valuable remedy for all song-birds, invigorating. It should be given to Canaries often in order to keep them in perfect singing order. **Price: Bottle, 25c.**

MOCKING BIRD FOOD—Prepared from a formula of our own; it is very invigorating to Canaries as well as to Mocking Birds; it contains a great amount of nutriment in condensed form. We handle only the best stock. **Price: Lb., 25c quart bottle.**

PETER'S SONG RESTORER—A restorer for weak and sickly birds. Feed to healthy birds once a week. It will keep them in full song. **Price: Bottle, 25c.**

PARROT SUPPLIES—PARROT FOOD.

MAMMOTH RUSSIAN SUNFLOWER SEED—**Price: Lb., 10c; 12 Lbs., \$1.00.**

MEXICAN GRANOOD—A specially select composition of several kinds of vegetable and animal foods combined; it takes the place of cracker or soaked bread; it is greatly relished by Parrots and keeps them in good plumage; it is similar to the Parrot's native foods. Be sure and order some for your parrot. **Price: Pkg., 25c.**

PARROT GRIT—A composition of iron tonic, ground and pulverized especially for Parrots and all large birds; it imparts vigor, robust and good health, and is very effective in warding off disease. **Price: Pkg., 10c; Doz., \$1.00.**



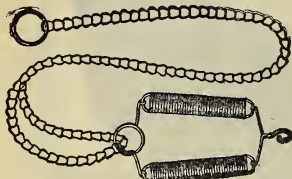
St. Andreasberger.



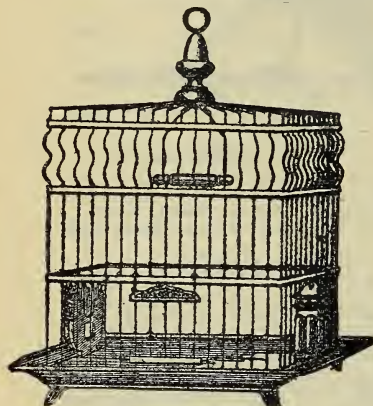
Paroquets.



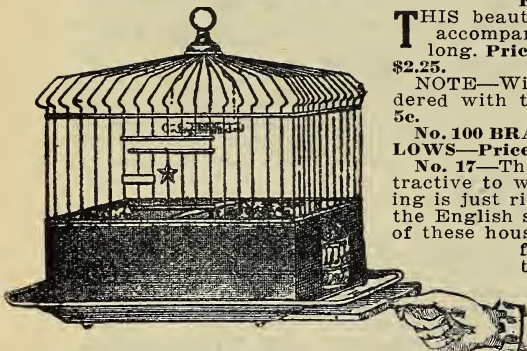
Cage Bracket.



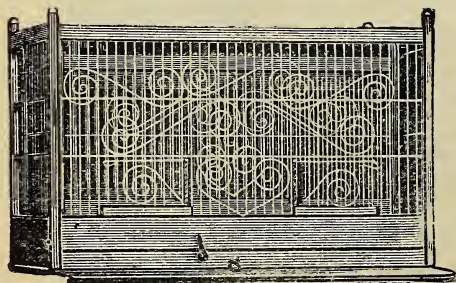
Double Cage Spring.



Japanned Cage.



"Our Best" Brass Canary Cage with Screen.



Flat Top Canary Breeding Cage.

BIRD HOUSES AND CAGES

DOUBLE CAGE SPRING

WHEN ordering a cage, do not fail to order a cage spring. Price: Each, 15c. With chain attached as shown in illustration. Price: Each, 25c.

BRASS BRACKET

For hanging Bird Cage on. Price: Each, 10c.

CANARY CAGES

"OUR BEST" Brass Canary Cage with Screen.

	Price
No. 2472—Size 10½x7½	\$2.50
No. 2473—Size 10¾x7¾	3.00
No. 2474—Size 11¾x8¾	3.25
No. 2572M—Size Large, and Drawer	3.50
No. 2573M—Ex. Large, and Drawer	4.25
No. 2526—Round Brass Cage	3.75

JAPANNED CAGES

A BEAUTIFUL pattern, Japanned and painted, very neat and attractive, though not as much so as the all brass kind. Price

No. 242 Size 8x8 in.	\$0.75
No. 262 Size 10x7 in.	1.25
No. 264 Size 11x8 in.	1.50

PARROT CAGES

OUR round Parrot Cages have brass knobs and tin washers. Heavy hangers with brass nuts, hardwood perches and swings, heavy zinc bottoms, tinned iron feed cups.

	Price
No. 3 14 inches Diameter	\$2.75
No. 4 16 inches Diameter	3.50
No. 5 17½ inches Diameter	5.00

SQUARE PARROT CAGES

	Price
No. 35 15 x13 inches, 4 cross bars	\$3.50
No. 37 17½x15 inches, 4 cross bars	4.50
No. 35M 15 x13 inches	\$4.50
No. 37M 17½x13 inches	5.50

BREEDING CAGES

Flat Top Breeding Cage.

THIS beautiful cage is well described by the accompanying illustration. No. 1 size 18 in. long. Price: \$1.50; No. 2 size, 20 in long. Price: \$2.25.

NOTE—Wire nests and nesting should be ordered with this cage. Price: Nest, 10c; Nesting, 5c.

No. 100 BRACKETS FOR ROBINS AND SWALLOWS—Price: \$1.00. Parcel Post Prepaid.

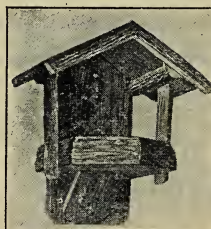
No. 17—This house is particularly attractive to wrens, and, while the opening is just right for wrens, it will keep the English sparrows out. A half dozen of these houses would not be too many for the average farm. Attract the birds and free your farm from bugs and insects. Price: Each \$1.00

BIRD FEEDING HOUSE

This house is artistic and practical. Put one up on your lawn, feed the birds and you will be repaid a hundredfold for your trouble. Robins used one of these houses last summer for nesting purposes. It was thus in use summer and winter. Price: \$5.00.

No. 12 — Price: \$1.25. 3 for \$3.50. By Parcel Post, prepaid, add 10c each.

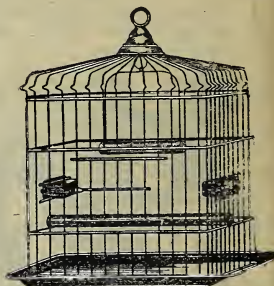
No. 50 — Price: 75c.



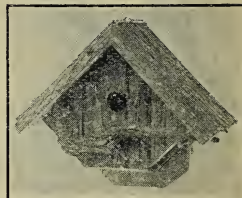
No. 100. Bracket House.



Round Parrot Cage.



Square Parrot Cage.



No. 17. Wren.

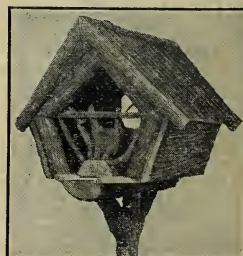


No. 50. Wren or Bluebird.

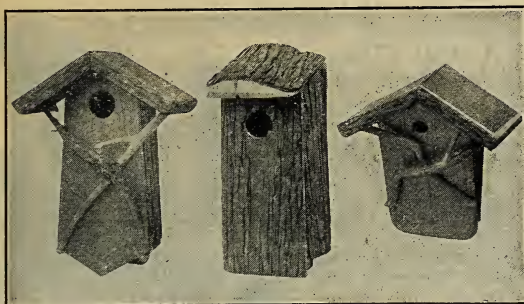


No. 12.

Wren or Bluebird.



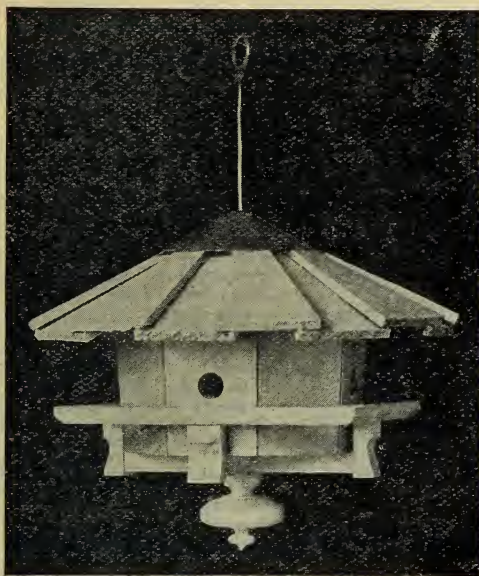
Feeding House.



No. 21 No. 25—Woodpecker, No. 23
Bluebird Flicker or Nuthatch Wren

A finer set of houses cannot be bought. In the woodpecker house we leave a little tree mold and sawdust. This is always found in houses picked out by woodpeckers.

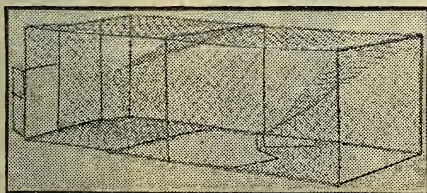
Prices: No. 21, 25, 23, \$1.25 each or \$3.50 for the three. By parcel post, prepaid, add 10 cents each.



Blue Bird House.

ENGLISH SPARROW TRAP

English sparrows have been declared by the Government to be a pest. The best way to rid a neighborhood of them is to destroy their nests and eggs during the nesting season and to trap them during the late fall, winter and early spring. English sparrows are very good to eat. These traps have proved very successful. They should be baited with grain, seeds, etc., and frequently moved from place to place. One gentleman caught 200 in his poultry yard. Price: \$3.75.



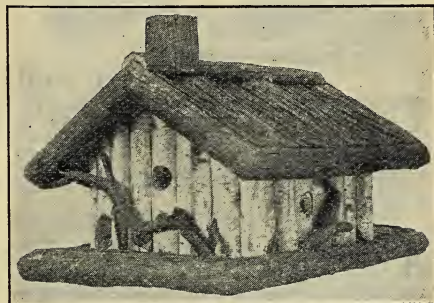
English Sparrow Trap.

Made of wire, 3 ft. long, 1 ft. high and 18 in. wide.

BIRD HOUSES AND CAGES

No. 77 FOUR-ROOM MARTIN HOUSE—This house of cedar and white birch, 13 inches x 17 inches x 21 inches, is beautiful and just the kind to attract martins. Place it on top of pole 12 feet to 15 feet high or on a high stump. Price: \$5.00. Expressage extra.

14-room house to order, \$20.00. Expressage extra. The martin is one of our most beneficial birds and fortunate is that man who has a colony. If martins once build, they return in increasing numbers, year after year, to the same locality. Martins do not frequent high altitudes in the North.



No. 77—Four-Room Martin House.

Blue Bird House—This is a 4 compartment octagonal house of very attractive appearance, and is perfectly ventilated.

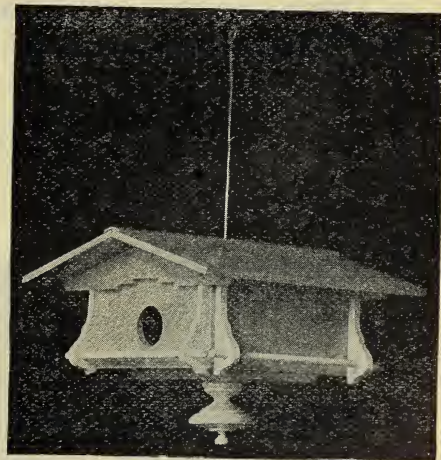
To clean remove 2 screws and lift house free from cross supporting octagonal band and perch. Painted dark green with white trimmings. To erect fasten cross to top of pole with lag screw included with house and set house on cross and fasten with 2 small wood screws. This house is furnished to set on pole or to hang from a tree. These houses can be located anywhere about your grounds. The hanging house should be suspended from branch close to trunk of tree about 10 to 14 feet from ground. Size 18x18x12 inches. Price: \$5.00 each. Size 13x16 inches. Price: \$4.50.

CRYSTAL BIRD BATH

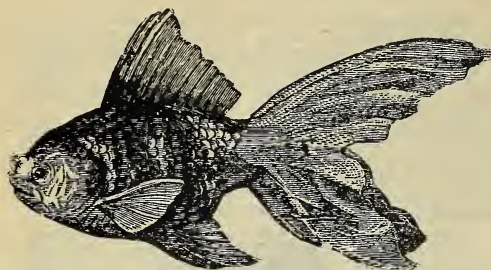
This bath is made of heavy galvanized iron, which does not rust. The outside is covered with fine sand, which makes it appear as though it was made out of stone or cement. Bath basin is 24 inches in diameter; depth, 3 inches. Will set on any square post. Price: Each, \$2.50.

WHITE-BELLIED TREE SWALLOW HOUSE

This is a 2-compartment house of attractive appearance, perfectly ventilated and is easily cleaned by removing bottom. Painted dark green, with white trimmings. Location—hang from branch of tree, away from trunk, 10 to 16 feet from ground. Size, 14x14x10 inches. Price: \$2.50.



White-Bellied Tree Swallow House.



Japanese Fantail.

COMMON GOLD FISH

THESE are the most popular of all the aquarium inhabitants. The Gold Fish that we offer are the finest specimens obtainable. With their beautiful golden-red brilliancy they add an ornament to any home. We quote fancy stock, according to size, at only 10c, 15c, 25c, 50c, 75c and \$1.00 each.

OPEN CASTLE

A HANDSOME design representing the remaining ruins of an old castle. The fish enjoy swimming through and around the old relic. Very attractive. Price: 6 in. High, 50c; 8 in. High, 75c; 10 in. High, \$1.25.

IMPORTED ANT EGGS—

Greatly relished by fish and all aquarium inhabitants; should be fed once a month. Price: Pkt., 10c; ½ Lb., 75c.

WHITE GRAVEL—Prepared especially for aquariums. Price: Pt., 10c; Qt., 15c.

ASSORTED SHELLS—Fancy assortment of assorted shells adds beauty to the bowl or aquarium. Price: Pt., 15c; Qt., 30c.

AQUARIA MOSS — See cut. Price: Bunch, 10c; Doz., \$1.00.

FISH GLOBES, AQUARIUMS

(Fish Globes can be sent by express only.)

These are the Most Popular of All Globes.

Diameter	Holds	Each
4-inch	1 Qt.	\$0.25
7-inch	3 Qts.	.50
8-inch	4 Qts.	.70
10-inch	8 Qts.	.90
11-inch	12 Qts.	1.10
12-inch	16 Qts.	1.50

FANCY GOLD FISH

JAPANESE FANTAIL FISH

—This variety is one of the most popular of all fancy fish, the fins and tail being of the finest lace-like formation, with a tail of a V-shape. They are variegated in color, being of a golden-red, pearly-white and black coloring. Price: Each, according to size and coloring, 50c, \$1.50.



Aquaria Moss or Cabomba.

GROTTO

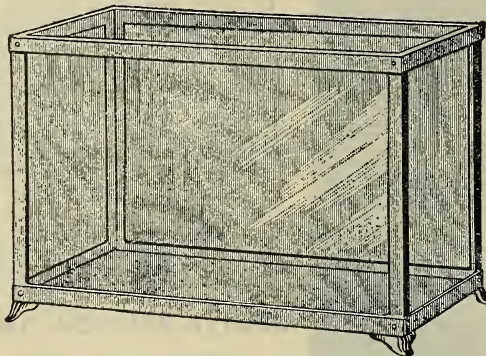
THE most popular of all castles. The fish can swim through and around it, as it does not take up so much space in the bowl. Price: Each, 2 in. High, 10c; 4 in. High, 15c; 5 in. High, 25c; 6 in. High, 40c; 8 in. High, 65c; 10 in. High, 90c.

SINGLE RUIN—7 in. High, 40c.

LIGHTHOUSE

ONE of the most popular designs made, representing an ocean lighthouse, and when magnified by the aquarium glass looks very pretty. Price: Each, 6 in. High, 50c; 8 in. High, \$1.00.

FISH FOOD AND SUPPLIES



IMPORTED GERMAN GRANULATED FISH FOOD

—Contains all ingredients of animal life which is necessary to obtain the full breeding vitality of the fish and keep it in good health. Price: Box, 15c; 2 Boxes, 25c; Doz., \$1.40.

DIP NETS—Used for taking fish out of aquarium while cleaning; wooden handle. Price: Each, 3 in., 25c; 5 in., 50c.

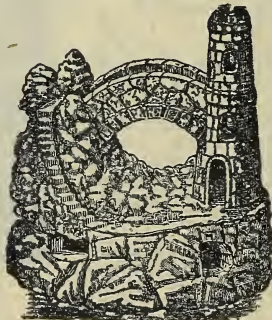
FISH FOOD WAFERS—Should be fed in connection with the above composition. Each box contains enough food to feed 2 fish six months. Price: Box, 10c; Doz., 90c.

ALUMINUM FRAME AQUARIUM

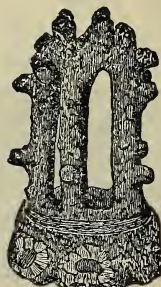
SLATE BOTTOM.

Do not rust or leak, nothing to get shop worn. Best and most artistic aquarium made. Every aquarium tested.

No.	Long	Wide	High	Gallons	Each
60	12½"	7"	10"	3	\$ 3.50
61	16½"	9"	11"	6	5.00
62	18½"	11"	12"	9	6.50
63	20½"	13"	13"	12	8.00
64	22½"	13"	14"	15	10.00



Lighthouse.



Grotto.



Single Ruin.

CONKEY'S POULTRY REMEDIES

CONKEY'S ROUP PILLS—For the individual treatment of birds and for use in show room. Price: Pkgs., 25c, 50c and \$1.00.

CONKEY'S CANKER SPECIAL—Price: Pkg., 50c.

CONKEY'S ROUP REMEDY—This truly superior remedy is used in every country. Price: Pkg., 25c, 50c and \$1.00.

CONKEY'S CHOLERA REMEDY—Must be given in the drinking water. Price: Pkg., 25c and 50c.

CONKEY'S POULTRY WORM REMEDY—This is a most necessary article, as it aids in ridding the fowl of harmful, as well as other worms, promoting the return of healthful condition. Price: 25c; by mail, 30c.

CHICKEN POX—This disease is known by different names in different localities, such as Sore Head, Pigeon Pox. Warts and pain. Price: Pkg., 50c.

CONKEY'S POULTRY TONIC—It keeps the bowels in good condition, assists digestion. Price: Pkgs., 25c, 50c, \$1.00; 25-Lb. pail, \$3.00.

LIMBER NECK—Price: Pkg., 50c.

CONKEY'S LICE LIQUID—The only thing for Mites. Price: Qt., 35c; 2 Qts., 60c; Gal., \$1.00.

CONKEY'S SULPHUR CANDLES—For fumigation. Price: 10c; 3 for 25c; by mail, 30c.

CONKEY'S BRONCHITIS REMEDY—Bronchitis and Roup are frequently confused, but they are separate diseases and require entirely different treatment. It is inflammation of the membranes of the bronchial tubes instead of the membranes of the nostrils and head passages. Price: 50c; by mail, 55c.

CONKEY'S SCALY LEG REMEDY—Scaly leg is caused by a parasite working in and underneath the scales of the feet and legs. Price: 25c; mail postpaid.

CONKEY'S RHEUMATIC REMEDY—Cures those lame and useless birds. Price: 50c; by mail, 55c.

CONKEY'S GAPE REMEDY—This is a reliable remedy for this annoying and deadly disease. It is guaranteed to do the work and to satisfy YOU. Price: 25c and 50c; by mail, 35c and 60c.

CONKEY'S POULTRY CONDITIONER—Is valuable for fowls that are run down, off their feed, recovering from disease, at moulting time and when preparing for the show room. Price: 25c and 50c; by mail, 30c and 55c.

CONKEY'S POULTRY LAXATIVE—A reliable laxative is often needed by itself. Price: 25c.

CONKEY'S LICE POWDER—Is absolutely harmless to the fowl, and positively overcomes the lice. Also use it in the dust bath. Price: 10c, 25c, 50c and \$1.00 pkgs.

CONKEY'S LICE-FIX—Another and effective way of going after and getting the body louse. Price: 25c and 50c, mail postpaid.

CONKEY'S BLACKHEAD REMEDY—A special remedy for Black-head. Price: 50c; by mail, 55c.

CONKEY'S WHITE DIARRHOEA REMEDY—It is accompanied by a white, pasty, fecal discharge, which pastes up the feathers and closes the vent. Price: 25c and 50c; mail postpaid.

CONKEY'S HEAD LICE OINTMENT—This article will destroy the head louse, which annually kills thousands of little chicks. Price: 10c and 25c, mail postpaid.

CONKEY'S HEALING SALVE—This article will be found highly satisfactory in every way. Price: 25c, mail postpaid.

CONKEY'S NOX-I-CIDE (formerly Taroline)—The greatest disinfectant and germ destroyer known. Price: Pt., 35c; Qt., 60c; 2 Qts., 90c; Gal., \$1.50.

LEE'S LIQUID LICE KILLER—The kind that is always good; destroys all vermin—lice, mites, jiggers, bedbugs. Price: Qt., 35c; ½ Gal., 60c; Gal., \$1.00.

LEE'S INSECT POWDER—Prepared in large 1½-Lb. sprinkler-top cans. Price: Each, 25c.

LEE'S GERMOZONE—In large 12-oz. bottles. Price: 50c.

LEE'S EGG MAKER—Price: Pkgs., 25c, 50c.

PRATT'S WHITE DIARRHOEA REMEDY—This remedy will positively save many dollars' worth of little chicks to poultry raisers. Price: Extra large box 50c; small size 25c.

PRATT'S ROUP REMEDY is a scientific preparation put up in either tablet or powder form. Price: 25c and 50c.

PRATT'S SCALY LEG REMEDY—You can quickly root out the little insect which digs the scales of the feet and legs of your chickens by the use of Pratt's Scaly Leg Remedy. Price: 25c and 50c a box.

PRATT'S POULTRY REGULATOR—It is a guaranteed egg producer, and when regularly used, hens lay throughout the year. Price: Pkgs., 25c; 50c; 25-Lb. Pail, \$2.50.

PRATT'S CHOLERA REMEDY—Price, Pkgs., 25c, 50c.

DR. HESS' POULTRY PAN-A-CE-A—It is an egg producer, by its invigorating effect upon the organs. Price: 25c and 60c.



POULTRY FEED

Price of Poultry Feed Subject to Change.

"FEED-A-GUD" HEN FEED—Our Feed-a-Gud Hen Feed, commonly called chicken feed, is made up of the proper mixed, sweet, fresh and sound grains, without screenings, dust and inferior grains; contains no grit and shell. It is all feed—no waste. **Price:** 4 Lbs., 15c; 8 Lbs., 25c; 25 Lbs., 65c; 50 Lbs., \$1.15; 100 Lbs., \$2.25.

"FEED-A-GUD" CHICK FEED—Feed-a-Gud Chick Feed contains no shell and grit; is composed only of sound, wholesome grain carefully and scientifically balanced, so that it will meet all the requirements of maturing chicks and laying hens. **Price:** 4 Lbs., 15c; 8 Lbs., 25c; 25 Lbs., 75c; 50 Lbs., \$1.35; 100 Lbs., \$2.50.

"FEED-A-GUD" PIGEON FEED—Feed-a-Gud Pigeon Feed contains no shell and grit. It is a scientifically prepared Balanced Ration Food. Especially adapted to the growth of young pigeons and squabs. **Price:** 4 Lbs., 15c; 8 Lbs., 25c; 25 Lbs., 65c; 50 Lbs., \$1.15; 100 Lbs., \$2.25.

ALFALFA MEAL (Colorado Green)—Is now one of the most essential foods of the day for poultry as well as horses, cattle, etc. Our brand is the best that can be made; clean and nice, fine to mix with other feeds. It is a blood-maker and egg producer. **Price:** 5 Lbs., 20c; 50 Lbs., \$1.00; 100 Lbs., \$1.90.

BONE, COARSE RAW CRACKED—Made of fresh green bone, is an excellent egg maker; used extensively by all poultry raisers. **Price:** 5 Lbs., 25c; 10 Lbs., 45c; 25 Lbs., 90c; 50 Lbs., \$1.75; 100 Lbs., \$3.25.

BONE, FINE RAW CRACKED—It is ground very fine and is especially used to mix with a mash food. **Price:** 5 Lbs., 25c; 10 Lbs., 45c; 25 Lbs., 90c; 50 Lbs., \$1.75; 100 Lbs., \$3.25.

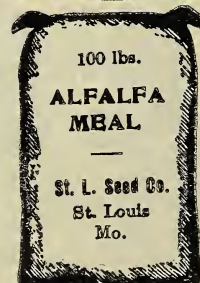
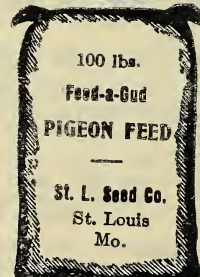
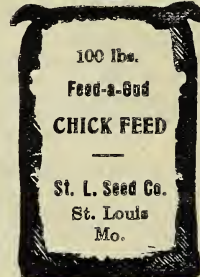
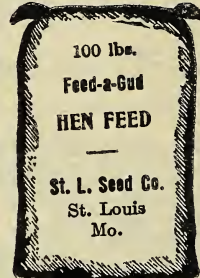
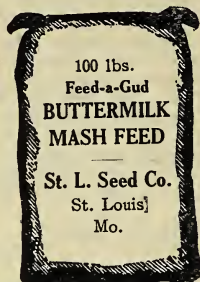
BRAN WHEAT—Very essential to the poultry raiser. Best grade. **Price:** 5 Lbs., 20c; 25 Lbs., 65c; 50 Lbs., \$1.10; 100 Lbs., \$2.00.

BUCKWHEAT — Good for mixing. **Price:** 7 Lbs., 25c; 25 Lbs., 85c; 50 Lbs., \$1.65; 100 Lbs., \$3.25.

CANADA PEAS—For Pigeons, etc. **Price:** 4 Lbs., 25c; 25 Lbs., \$1.75; 50 Lbs., \$3.00.

CORN CRACKED—Best on the market. It pays to buy this in preference to using whole corn. **Price:** 8 Lbs., 25c; 25 Lbs., 65c; 50 Lbs., \$1.10; 100 Lbs., \$2.00.

CHARCOAL, COARSE — Everyone should know the value of charcoal. It prevents sour crop and aids digestion; is beneficial to poultry of all ages. Fine for chicks and coarse for older poultry. **Price:** 3 Lbs., 15c; 6 Lbs., 25c; 25 Lbs., 75c; 100 Lbs., \$2.25.



Write for Special Price on Ton Lots.

CHARCOAL, FINE—For baby chicks. It prevents sour crop and aids digestion; is beneficial to poultry of all ages. **Price:** 3 Lbs., 15c; 6 Lbs., 25c; 100 Lbs., \$2.25.

COTTON SEED MEAL—An excellent stimulant for egg making, giving them good color. This meal is very rich, also used for live stock feeding. **Price:** 5 Lbs., 20c; 10 Lbs., 35c; 25 Lbs., 80c; 50 Lbs., \$1.40; 100 Lbs., \$2.50.

CUT CLOVER—This is made from best quality of red clover, cut fine to use in brooders and pens for baby chicks as well as scratch pens for older chickens. They eat the fine leaves when they can't get grass. **Price:** 5 Lbs., 25c; 10 Lbs., 50c; 25 Lbs., 90c; 50 Lbs., \$1.75; 100 Lbs., \$3.00.

MICA GRIT, COARSE—Mica Grit contains valuable medical properties and acts as medicine as well as grit. **Price:** 5 Lbs., 10c; 10 Lbs., 15c; 25 Lbs., 25c; 50 Lbs., 45c; 100 Lbs., 75c.

MICA GRIT, FINE—Best for baby chicks, contains valuable medical properties and acts as a medicine as well as a grit. **Price:** 5 Lbs., 10c; 10 Lbs., 15c; 25 Lbs., 25c; 50 Lbs., 45c; 100 Lbs., 75c.

GLUTEN MEAL—For poultry. **Price:** 6 Lbs., 25c; 25 Lbs., 75c; 100 Lbs., \$2.75.

HEMP SEED—A very fattening food and well liked. **Price:** 4 Lbs., 25c; 10 Lbs., 55c; 25 Lbs., \$1.25; 50 Lbs., \$2.50; 100 Lbs., \$5.00.

HOMINY FEED (Corn Meal)—**Price:** 10 Lbs., 25c; 25 Lbs., 50c; 50 Lbs., \$1.00; 100 Lbs., \$1.90.

KAFFIR CORN (For Poultry)—Used largely for Pigeons and other mixtures. **Price:** 8 Lbs., 25c; 25 Lbs., 65c; 50 Lbs., \$1.10; 100 Lbs., \$2.00.

LINSEED MEAL—This meal is largely used in a mash feed for poultry during the moulting season and when chickens are out of condition. It is a great stimulant for bowel trouble, etc. **Price:** 5 Lbs., 20c; 10 Lbs., 35c; 25 Lbs., 80c; 50 Lbs., \$1.50; 100 Lbs., \$2.75.

MEAT SCRAPS—Will insure an increase in eggs that will more than pay the cost. A great help in moulting season to prepare hens and pullets for winter laying. **Price:** 5 Lbs., 25c; 10 Lbs., 50c; 25 Lbs., \$1.10; 50 Lbs., \$2.15; 100 Lbs., \$4.00.

"FEED-A-GUD" BUTTERMILK MASH FEED—There is not and never has been anything on the market to compare with it. The hen is a very accurate machine, and will convert egg-making material, into eggs rapidly if given the right proportions of all such materials as are needed. **Price:** 8 Lbs., 25c; 25 Lbs., 65c; 50 Lbs., \$1.25; 100 Lbs., \$2.25.

Write for our Complete Poultry Catalog.

POULTRY FEED—Continued

Prices Subject to Change

M IDDLINGS—Used in Mash. Price: 8 Lbs., 25c; 25 Lbs., 65c; 50 Lbs., \$1.10; 100 Lbs., \$2.00.

MILLET—For a scratch feed. Price: 4 Lbs., 15c; 8 Lbs., 25c; 50 Lbs., \$1.35; 100 Lbs., \$2.50.

OATS—Common, whole for feeding or sprouting. Price: 5 Lbs., 20c; 10 Lbs., 35c; Bu., 70c.

CRYS-CO—Is a great shell producer, poultry food and grit all combined in one; 99 per cent of pure carbonate of lime. Price: 5 Lbs., 10c; 10 Lbs., 15c; 25 Lbs., 25c; 50 Lbs., 50c; 100 Lbs., 75c.

OYSTER SHELL, FINE—For small chicks, made from nice bright oyster shells, not clam shells or mussel shells. Price: 5 Lbs., 10c; 10 Lbs., 15c; 25 Lbs., 25c; 50 Lbs., 45c; 100 Lbs., 75c.

OYSTER SHELL, COARSE—This is made from nice bright oyster shells, not clam shells or mussel shells. This is the best egg shell producer. Price: 5 Lbs., 10c; 10 Lbs., 15c; 25 Lbs., 25c; 50 Lbs., 45c; 100 Lbs., 75c.

PEANUTS, SHELLED—(For Pigeons)—Price: 5 Lbs., 35c; 25 Lbs., \$1.25; 50 Lbs., \$2.00; 100 Lbs., \$3.75.

STEEL CUT OATS—It is the best feed for baby chicks, far better than wheat or corn, because it is kiln dried, predigested, therefore preventing young chicks from bowel trouble. Very economical to feed, because they are more nutritious than mixed grain, and no waste. Price: 5 Lbs., 25c; 25 Lbs., \$1.10; 50 Lbs., \$2.00; 100 Lbs., \$4.00.

ROLLED OATS—The best feed on earth for ducklings. Helps to keep them in good healthy condition. Our customers use it in large quantities. It is pure and wholesome food, fit for table use. We could not begin to supply the demand last season. Price: 5 Lbs., 25c; 10 Lbs., 45c; 25 Lbs., \$1.10; 50 Lbs., \$2.10; 100 Lbs., \$4.00.

SUNFLOWER SEED—Price: 3 Lbs., 25c; 10 Lbs., 75c; 100 Lbs., \$5.50.

WHEAT—For Chickens. Price: 6 Lbs., 25c; 25 Lbs., 65c; 100 Lbs., \$2.50.

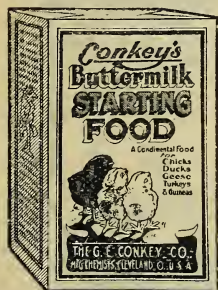
CONKEY'S BUTTERMILK STARTING FOOD

CONKEY'S Buttermilk Starting Food is a scientifically balanced, slightly medicated food, easily digested and taken up by the system, while the lactic acid released from the buttermilk acts as a preventive measure against White Diarrhoea and digestive troubles.

Only the best grains we can buy, pure medicines, and Conkey's Dry Buttermilk are used in its making. Get your chicks started right by feeding it to every brood. One pound will feed 12 chicks 3 weeks. Try it on a few and watch them thrive. Price: Lb., 10c; 3 Lbs., 25c; 6½ Lbs., 50c; 14 Lbs., \$1.00; 25 Lbs., \$1.65; 50 Lbs., \$3.00; 100 Lbs., \$5.75.

Buy it in the bag sizes if you hatch more than 100 chicks.

HAVE A CONKEY CORNER IN YOUR POULTRY HOUSE



SOMETHING NEW—OUR PARCEL POST BOX

Just the Thing for Sending Domestic Eggs by Mail

FARMERS' FRIEND EGG CARRIER—Is the most useful and convenient article that a farmer or poultryman can have. The construction is so complete that everyone handling eggs should have one, the lid is locked with a patent fastener, the handle makes it easy to be carried back and forth by parcel post or express. Made in four sizes.

Capacity	Weights	Each	Dozen
6 doz.	5 lbs.	\$0.40	\$4.50
9 doz.	6½ lbs.	.45	5.00
12 doz.	8 lbs.	.50	5.75
15 doz.	9 lbs.	.55	6.25

HUMPTY DUMPTY EGG CARRIERS—A light, cheap and durable egg carrier for shipping and hauling eggs to market. Folded in the flat ready to set up. Always shipped knocked down. Weight, 7 lbs. Made to hold 12 dozen eggs. Price: Each, 35c; Doz., \$3.75.



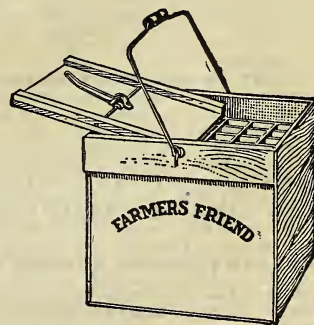
Handy.

"HANDY" EGG CARRIER—These cartons are made of heavy cardboard, each holds 1 dozen eggs.

Size 3x4—Price: Doz., 10c; 3 Doz., 25c; 125 for 80c; 250 for \$1.50; 1000 for \$5.75.

Size 2x6—Price: Doz., 10c; 3 Doz., 25c; 125 for 90c; 250 for \$1.75; 1000 for \$6.75.

Printed with your own brand and name, \$1.25 per 1000 extra.



DIAMOND EGG BOX

Capacity	Weight	Price
	Empty	Filled Each Doz.
1 doz. Sing. case.	¾ lb.	2¼ lb. \$0.15 \$1.20
15 eggs .....		.15 1.60
2 doz. Doub. case.	1½ lb.	4½ lb. .25 2.25
4 doz. Doub. case.	2¾ lb.	8¾ lb. .30 3.00
6 doz. Doub. case.	4 lb.	14½ lb. .40 4.50

THE BEST—FIRST, LAST—ALWAYS

POULTRY SUPPLIES—Continued

BUOY CAPONIZING INSTRUMENTS—Furnished with full instructions, so that any one can easily perform the operation. Price: \$3.50 per Set.

BLACK HAWK GRIST MILL—Price: \$2.75.

BLACK HAWK CORN SHELLER—Price: \$2.00.

HUMPHREY BONE CUTTER—We recommend the Humphrey. It is as small a machine as can be built on practical lines. Price: \$11.50.

CLOVER CUTTER—The "New Model" is designed for cutting either green, or dry, such growths as Clover, Alfalfa, and Vegetable Tops. Price: \$10.00.

EGG TESTER, HANDY—This Egg Tester is designed for use on an ordinary hand lamp. Price: 35c. Postpaid.

EARTHEN BARREL FOUNTAINS—Price: Qt., 25c; ½ Gal., 35c; Gal., 50c; 2 Gal., 65c.

EARTHEN SANITARY FOUNTAIN—This is made of stoneware, keeps the water cool in hot weather. Price: Qt., 25c; 2 Qts., 35c; Gal., 50c; 2 Gal., 65c.

ECONOMY OAT SPROUTER—The Economy Oat Sprouter employs the natural process for sprouting. It has a natural drainage and is effective and economical to the highest degree.

Contains five Sprouting Pans and one Drip Pan, 16x17 inches. Will not rust. Lasts a lifetime.

Can be placed in any room with proper temperature to make oats sprout. Price: Each, \$5.50.

FIBRE PIGEON NESTS—Made in only one size (9-inch diameter bowl). Price: Doz., \$1.25.

FEED-A-GUD CHICK FEEDER—For small chicks. Price: 25c.

HENFRIEND DRINKING FOUNTAIN—Easy to clean, strong, cheap, durable and practical. Made of heavy galvanized iron. Made in three sizes. Price: No. 3, ½ Gal., Each, 25c; No. 2, 1 Gal., Each, 50c; No. 1, 2 Gal., 75c.

GRIT BOX—These are the original Self-Feeding Boxes, being made of heavy galvanized iron. Price: No. 1 Grit Box, 50c; No. 2 (Large Size), \$1.00.

GRINDING MILL, STOVER—The most convenient and economical mill for grinding all poultry feed. Price: \$4.50.

GRINDING MILL, ENTERPRISE—This mill will grind more feed and do it better than any other. Price: \$7.50.

OPEN PIGEON BANDS—Made of aluminum, and can be opened or closed sufficiently to fit any size pigeon or small chick. Price: 12 for 20c; 25 for 35c; 50 for 65c; 100 for \$1.25. Postpaid.

N. W. AUTOMATIC FEEDER AND FOUNTAIN—Just the Fountain you have been looking for. It feeds water, grain, grit, oyster shell, etc., and is the most Sanitary Fountain on the market; having a glass reservoir, which is easily cleaned, and you can always see just how much water it contains without taking hold of it, and is so simple any child can fill it. Price, Each, 10c; Doz., \$1.00.

KENTUCO SANITARY BOTTOM FILL FOUNTAIN—Made in two pieces. Easily cleaned and owing to its shape it will not burst from freezing.

No. 1 of about 1-quart capacity, each\$0.20

No. 2 of about ½-gallon capacity, each25

No. 3 of about 3-quart capacity, each35

KENTUCO SANITARY FOUNTAIN—Price: No. 4, 1 Gal., Each, 60c; No. 5, 2 Gal., Each, 90c.

LEG BAND, IMPROVED CHAMPION—These bands never come off. Made of aluminum and numbered from 1 up. Price: 12 for 15c; 25 for 25c; 50 for 45c; 100 for 65c.

POULTRY BANDS, BOURNE COLOROID—This band is made with large black numbers on white background. Price: 10 for 30c; 20 for 60c; 100 for \$2.75. Postpaid.

NEST EGGS, "KNOX" MEDICATED—Price: Each, 5c; Doz., 50c.

NEST EGGS, CHINA—Price: 3 for 5c; Doz., 15c.

NESTS—Wire, 1-inch mesh. Price: Each, 15c; Doz., \$1.50.

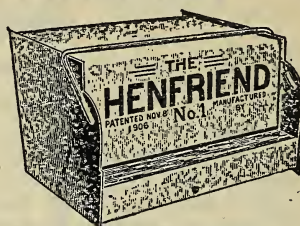
PETTY'S POULTRY PUNCH—These punches are small and carry nicely in vest pocket. Only 25c Each.

TRAP NESTS—By far the cheapest, simplest, and most practical trap nest on the market. Price: Single nest, 90c; Double nest, \$1.50; Triple nest, \$2.25.

THERMOMETER—Incubator. Price: 75c.

THERMOMETER—Brooders. Price: 50c.

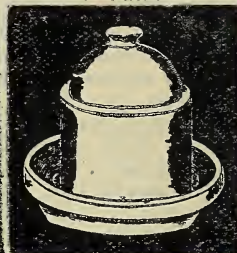
WALL FEED PANS—Hangs on two nails. Easy to clean. Saves waste. Wet or dry feeds. Price: 6-inch, 15c; 12-inch, 20c; 20-inch, 25c.



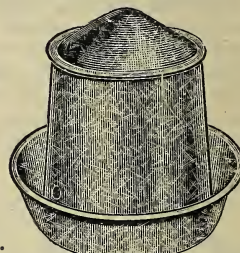
The Henfriend Drinking Fountain.



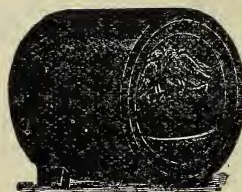
Grit and Shell Box.



Sanitary Earthen Fountain.



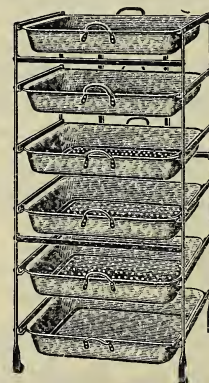
Kentuco Sanitary Bottom Fill Fountain.



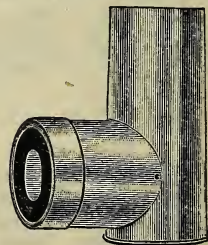
Barrel Drinking Fountain



N. W. Automatic Feeder and Fountain.



Economy Oat Sprouter



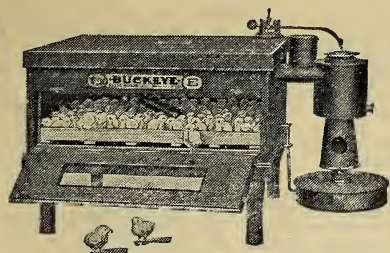
Handy Egg Tester.



Write for Our Complete Poultry Catalog

BUCKEYE (Style E) INCUBATORS

HOT-WATER MACHINES

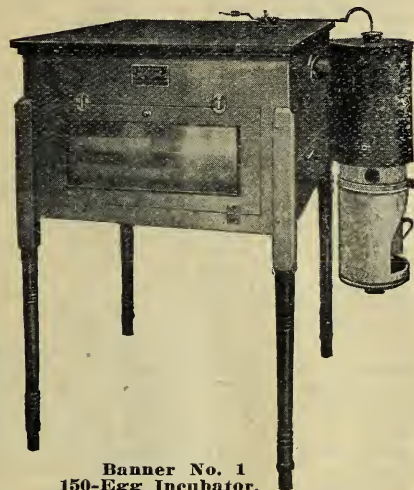


No. 14 Style E. Capacity 60 Eggs.

WHETHER you are a beginner or a big breeder, we want you to try a Buckeye—and see just how easy it is to produce a big, strong chick from every hatchable egg. Whether you own a lot of incubators or never saw one before—you get the same guarantee. You must get a chick from every hatchable egg.

Write for a Big "Buckeye" Catalog.

Price, Style E No. 14—60-egg capacity\$ 7.50
 Price, Style E No. 16—110-egg capacity 12.50
 Price, Style E No. 17—200-egg capacity 17.50



Banner No. 1
150-Egg Incubator.

QUEEN HOT-WATER MACHINES

MADE of California Redwood, double walled with corrugated board between, double doors, separately hinged, inner door of glass, automatic regulation, fully jacketed copper boiler and radiator, galvanized steel lamp bowl, and steel combination flue and egg tester, heavy brass burner, with removable gauze, adjustable metal lamp shelf, best Mercury Thermometer, funnel, egg trays, chick and nursery drawers.

Made in six sizes, to suit every need:

No. 1.	75-egg capacity,	Shipping weight,	60 lbs.	.....\$11.20
No. 2.	125-egg capacity,	" "	70 lbs.	.....14.40
No. 3.	165-egg capacity,	" "	80 lbs.	.....17.60
No. 4.	250-egg capacity,	" "	100 lbs.	.....20.80
No. 5.	375-egg capacity,	" "	130 lbs.	.....27.20
No. 25.	500-egg capacity,	" "	180 lbs.	.....35.20

PETALUMA ELECTRIC INCUBATOR

THE Petaluma Electric is adapted to using direct or alternating current, and to 110 or 220 volts. Please be careful to know beforehand what current you are to be supplied with, as well as the voltage, and specify the same when ordering a Petaluma Electric Incubator.

Model 190-E. Capacity, 126 eggs\$20.00
 Model 191-E. Capacity, 252 eggs 28.00

THE BANNER INCUBATORS

THE Banner is built double throughout—has a complete inner as well as outer case and the space between each case is thoroughly insulated with felt paper, asbestos and fireproof granite wool—materials that will last as a perfect insulation indefinitely. The doors all have double glass, with dead air space between. This gives ample protection to the eggs, admits of a clear view of the thermometer at all times as well as the eggs and nursery trays.

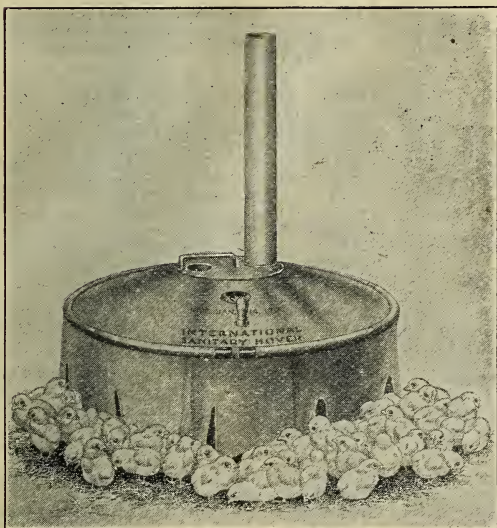
The Banner is Built in 5 Sizes.

Banner Special. 60-egg Golden Hatcher\$ 8.00
 Banner No. 1. 150-egg capacity, complete 22.00
 Banner No. 1½. 225-egg capacity, complete 30.00
 Banner No. 2. 300-egg capacity, complete 32.00
 Banner No. 3. 450-egg capacity, complete 42.00

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THE International Hover has gained such a reputation that many of our customers are now using them by the dozens and more, where in former years the old-fashioned wood brooder was used. It is no more guess-work, but straight facts, that the International Hover can hover little chicks the same as a hen. Those who buy an International Hover take no chances. We use International Hovers exclusively in our Poultry Department during the chick season. **Price: 100-chick size, \$7.00.**

Send for an illustrated International catalog. It is free.



International Sanitary Hover.

WRITE FOR OUR COMPLETE POULTRY BOOK

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CALENDAR FOR SEED PLANTERS

IN THE LATITUDE OF ST. LOUIS

JANUARY—Sow in Hot-Bed—Early Beet, Early Cabbage, Forcing Carrot, Cauliflower, Early Lettuce, Early Onions, Radish.

FEBRUARY—Sow in Hot-Bed—Early Beet, Broccoli, Early Cabbage, Forcing Carrot, Cauliflower, Celery, Cucumber, Egg Plant, Early Lettuce, Parsley, Pepper, Early Onions, Radish, Tomato.

MARCH—Sow in Hot-Bed—Early Beet, Early Cabbage, Forcing Carrot, Cauliflower, Celery, Cucumber, Egg Plant, Kohl Rabi, Lettuce, Melon, Parsley, Pepper, Onions, Radish, Tomato, Herbs. Sow in Open Ground—Beans, Beets, Cabbage, Cauliflower, Celery, Carrot, Cress, Leek, Lettuce, Onion, Parsnip, Peas, Potatoes, Radish, Spinach, Early Turnip, Onion Sets.

APRIL—Sow in Hot-Bed—Cucumber, Egg Plant, Melon, Pepper, Tomato. Sow in Open Ground—Asparagus, Beans, Beets, Cabbage, Carrots, Cauliflower, Celery, Sweet Corn, Cucumber, Cress, Endive, Kale, Kohl Rabi, Leek, Lettuce, Melons, Onions, Parsley, Parsnip, Peas, Potatoes, Radish, Rhubarb, Salsify, Spinach, Tomato, Turnip Sage, Herbs, Onion Sets.

MAY—Sow in Open Ground—English Beans, Pole Beans, Bush Beans, Peas, Brussels Sprouts, Cabbage, Carrot, Celery, Sweet Corn, Cress, Cucumber, Endive, Kale, Kohl Rabi, Leek, Lettuce, Melon,

Okra, Onion, Parsley, Parsnip, Peas, Potatoes, Pumpkin, Radish, Salsify, Spinach, Squash, Tomato, Turnip, Herbs.

JUNE—Sow in Open Ground—Bush Beans, Lima Beans, Pole Beans, Beet, Carrot, Cabbage, Sweet Corn, Cress, Cucumber, Endive, Kale, Kohl Rabi, Lettuce, Melon, Okra, Peas, Potatoes, Pumpkin, Radish, Spinach, Squash, Turnip, Rutabaga.

JULY—Sow in Open Ground—Bush Beans, Beet, Carrot, Sweet Corn, Corn Salad, Cress, Cucumber, Endive, Gherkin, Kale, Kohl Rabi, Lettuce, Okra, Pumpkin, Radish, Spinach, Squash, Turnip Rutabaga.

AUGUST—Sow in Open Ground—Bush Beans, Corn Salad, Cucumber, Endive, Lettuce, Early Peas, Radish, Spinach, Squash, Turnip. Plant Winter Onions.

SEPTEMBER—Sow in Open Ground—Corn Salad, Cress, Kale, Lettuce, Mustard, Winter Radish, Spinach, Turnip. Plant Winter Onions. Write for St. L. S. Co.'s Bulb Catalogue.

OCTOBER—Sow in Open Ground—Corn Salad, Cress, Kale, Lettuce, Mustard, Spinach. Plant Hyacinth, Tulips, Narcissus and other Dutch Bulbs in open ground, pots or glasses.

NOVEMBER—Plant Hyacinth, Tulips, Narcissus and other Dutch Bulbs in open ground, pots or glasses.

